



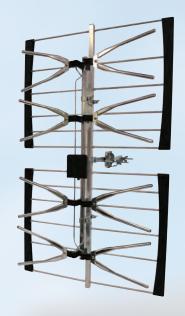


For the Best in Digital TV Antenna and Security Solutions

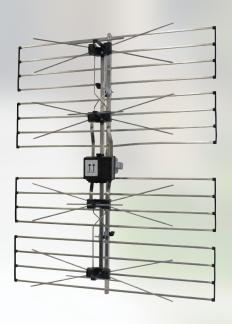
Matchmaster is the premium supplier and manufacturer of digital TV antenna systems for domestic and digital TV commercial applications.

Matchmaster products range from digital TV antennas to complex distribution systems including Fibre Optics, TV over CAT6 and IP TV into the future. Matchmaster also has a range of CCTV and security products perfectly suited to protecting residential and commercial premises.

Matchmaster specialize in Commercial distribution systems with design and engineering capabilities to suit every possible application. Matchmaster also provide technical support and are an endorsed trainer and are renown for delivering the best industry training program of its type.









Digital TV Antennas

Product Catalogue

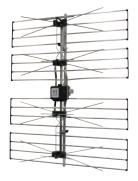


Antenna UHF with AGC 17dB Gain Passive + 14dB GainWith Power (31dB Total)

02MM-DAT45

- » With Automatic Gain Control
- » Asymmetrical directors provide the perfect reception pattern
- » Multilayer technology providing highest stability and reliability
- » Newly patented dipole that greatly improves the reception margins throughout the complete terrestrial band
- » Grounded electronic elements
- » 10MM-PSD14 power supply not included





Phased Array 'F' Type Digital TV Antenna UHF (28-51)

02MM-FF06A

- » 694MHz low pass 4G LTE filter
- » Equivalent 40 element phased array style
- » Made in Germany
- » 13.5dB Maximum gain
- » Receives UHF Channels 28-51







Digital TV Antenna UHF (28-51) 18 Elements

02MM-MDU18

- » 694MHz low pass 4G LTE filter > 30dB at 750 MHz
- » Equivalent 18 element phased array style
- » Attractive retail packaging
- » 8dB Maximum gain
- » Receives UHF Channels 21-50
- » Also available in installer 5 pack (02MM-MDU18-BULK), which has 1 carton and 5 loose pack antennas







Digital TV Antenna UHF (21-50) 18 Elements (5 Pack)

02MM-MDU18-BULK

- » 694MHz low pass 4G LTE filter > 30dB at 750 MHz
- » Equivalent 18 element phased array style
- » Attractive retail packaging
- » 8dB Maximum gain
- » Receives UHF Channels 21-50
- » Convenient 5 Pack





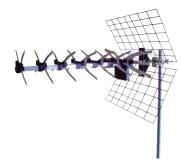


Aerial UHF 23 Element 'F' Balun 4G

02MM-MDU23

- » X Type Elements for increased gain and wideband performance
- » F Type PCB balun for quick installation and improved VSWT
- » UV Resistant black plastics
- » Compact high visual impact packaging





Aerial UHF 31 Element 'F' Balun 4G

02MM-MDU31

- » Maximum gain 11dB
- » 'X' type element for increased gain and wideband performance
- » 'F' type PCB Balun for quick installation and improved VSWR
- » UV resistant black plastic





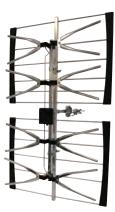
Phased Array X Type Digital TV Antenna UHF (21-50) **36 Elements**

02MM-MDU36

- » 694MHz low pass 4G LTE filter > 30dB at 750 MHz
- » Equivalent 36 element phased array style
- » Attractive retail packaging
- » 12dB Maximum gain
- » Receives UHF Channels 21-50
- » Also available in installer 5 pack (02MM-MDU36-BULK), which has 1 carton and 5 loose pack antennas







Phased Array X Type Digital TV Antenna UHF (21-50) 36 Elements (5 Pack)

02MM-MDU36-BULK

- » 694MHz low pass 4G LTE filter > 30dB at 750 MHz
- » Equivalent 36 element phased array style
- » Attractive retail packaging
- » 12dB Maximum gain
- » Receives UHF Channels 21-50
- » Convenient 5 Pack





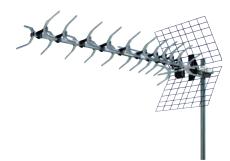


Aerial UHF 43 Element 'F' Balun 4G

02MM-MDU43

- » X Type Elements for increased gain and wideband performance
- » F Type PCB balun for quick installation and improved VSWT
- » UV Resistant black plastics
- » Compact high visual impact packaging
- » Also available in installer 5 pack (O2MM-MDU43-BULK), which has 1 carton and 5 loose pack antennas





Aerial UHF 43 Element 'F' Balun 4G (5 Pack)

02MM-MDU43-BULK

- » X Type Elements for increased gain and wideband performance
- » F Type PCB balun for quick installation and improved VSWT
- » UV Resistant black plastics
- » Compact high visual impact packaging





Phased Array X Type Digital TV Antenna UHF (28-51) with 50dB Shielded 4G Filter

02MM-MDU50

- » 4G 50dB Screened Filter
- » UHF Ch(28-51)
- » Weather protection on elements
- » New wider phase bars for balun access
- » Easy to assemble with vertical mounting option
- » X Elements one piece for anti-corrosion







FM Antenna (88-108MHz) with VHF/UHF Input/Combiner

03MM-1EFM

- » Ring type FM dipole antenna
- » Receives FM 88-108MHz
- » 4G LTE 694MHz low pass filter
- » Incorporates FM/ UHF Band 3 Diplexer
- » Quick mounting clamp for fast installation







Antenna FM 3 Element

03MM-3EFM

- » 12.7mm elements
- » Black U/V resistant insulators



Antenna FM 5 Element

03MM-5EFM



- » Black U/V resistant insulators » Split boom for ease of transport







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Products may vary from images shown and all specifications are correct at time of printing









Coaxial Cable

Product Catalogue



RG11 Quad-shield Cable Flooded 305M Reel

06MM-F11QF

- » An RG11 metre marked cable with quadshield and flooded
- » Gel filled Cable designed for underground use
- » Suitable and approved for Pay and Digital TV
- » Sold in a 305 metre reel
- » Commercial approved



RG11 Quad-shield Low Smoke Zero Halogen 305M Reel

06MM-E11QLSZH

- » An RG11 metre marked Low Smoke Zero Halogen cable with quadshielding
- » Developed due to concerns about the fire hazards of the insulation and jacketing material
- » Meets requirements for smoke index, acid gas generation, halogen content, and toxicity index
- » Sold in a 305 metre reel



RG6 Quad-shield Cable Flooded 305M Roll

06MM-E6QF

- » An RG6 metre marked cable with quadshield and flooded
- » Gel filled Cable designed for underground use
- » Suitable and approved for Pay and Digital TV
- » Sold in a 305 metre reel
- » Foxtel (F30449) approved



RG6 Quad Low Smoke Zero Halogen 305M Reel

06MM-E6QLSZH

- » An RG6 metre marked Low Smoke Zero Halogen cable with quadshielding
- » Developed due to concerns about the fire hazards of the insulation. and jacketing material
- » Meets requirements for smoke index, acid gas generation, halogen content, and toxicity index
- » Sold in a 305 metre reel



RG6 Quad-shield Cable Siamese 150M Reel

06MM-E6QS

- » An RG6 metre marked cable with quadshield and is Siamese
- » Sold in a 150 metre reel
- » Suitable and approved for Pay and Digital TV
- » Commercial approved



Commscope RG6 SKY Approved Black (305m)

06MM-F6SKYB

- » An RG6 metre marked cable with quadshielding
- » Sold in a 305 metre reel
- » Suitable and approved for SKY TV and Digital TV





Commscope RG6 SKY Approved Black (150m)

06MM-E6SKYB-150M

- » An RG6 metre marked cable with quadshielding
- » Sold in a 150 metre reel
- » Suitable and approved for SKY TV and Digital TV



Commscope RG6 SKY Approved White (305m)

06MM-E6SKYW

- » An RG6 metre marked cable with quadshielding
- » Sold in a 305 metre reel
- » Suitable and approved for SKY TV and Digital TV



Commscope RG6 SKY Approved White (150m)

06MM-E6SKYW

- » An RG6 metre marked cable with quadshielding
- » Sold in a 150 metre reel
- » Suitable and approved for SKY TV and Digital TV



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Connectors and Tools

Product Catalogue





08MM-CT01

- » Professional tool suitable for RG6/11 'F' Type connectors
- » Termination is accomplished in a single action
- » A professional cost effective solution for 'F' connector type compression



Spare Part for 08MM-CT01 Compression Tool

08MM-CT01PLUNGER

- » Easy fit
- » Used to pro-long life of tool



Spare Part for 08MM-CT01S Compression Tool

08MM-CT01S-PLUNGER

- » Easy fit
- » Used to pro-long life of tool



Connector Compression RG6 Dual/Quad

08MM-FX6XIG

- » Suitable for RG6 coaxial cable
- » Used with Matchmaster compression tool (08MM-CT01)
- » High quality nickel plated finish
- » Heavy duty coaxial cable compression feature
- » Telstra approved



Connector RG6 WRO 'F' Type Sky Approved

08MM-F6WROS

- » Alloy
- » Sky Approved



Replacement Cartridge for 08MM-ST05

08MM-HTR352

- » Easy fi
- » Used to pro-long life of tool
- » New RG6/59 and RG11 cutting blade



F Barrel Wrench

08MM-MDS-F-BARREL-WRENCH

- » "F" connector tool
- » Aluminium construction
- » Allows tightning of "F" connectors in tight locationse



Connector RG6 Universal Compression Quick Mount

08MM-QM06

- » Frequency range 0.3 3000 MHz
- » No need to pull back braid or remove the foil sheath like traditional connector
- » Just strip cable, place on connector and compress
- » Used with Matchmaster compression tool (08MM-CT01)
- » Heavy duty coaxial cable compression feature
- » Rubber 'O' ring seal to prevent moisture ingress



Connector Compression Quick Mount Short with 'O' Ring

08MM-QM06S

- » Frequency range 0.3 3000 MHz
- » Short connector, less than 22mm long when compressed
- » No need to pull back braid or remove the foil sheath like traditional connector
- » Just strip cable, place on connector and compress
- » Used with Matchmaster compression tool (08MM-CT06)
- » Rubber 'O' ring seal to prevent moisture ingress



Connector RG11 Compression Universal Quick Mount

08MM-QM11

- » Frequency range 0.3 3000 MHz
- » No need to pull back braid or remove the foil sheath like traditional connector
- » Just strip cable, place on connector and compress
- » Used with Matchmaster compression tool (08MM-CT01)
- » Heavy duty coaxial cable compression feature
- » Rubber 'O' ring seal to prevent moisture ingress



Connector Self Install, No Crimp Tool Required

08MM-SI59

» No tools required



Connector Self Install, No Crimp Tool Required

08MM-SI6

- » Use Digital Ready 'F'-Type fittings without having to haul the crimping tool into a cramped roof-space
- » Works in conjunction with your existing RG6 stripper
- » Use your Digital Ready 'F'-Type fittings on your TV system without having to buy specialist tool, just push the connector on



Professional Compression Tool Kit

08MM-SKY-KIT

- » 1 x 08MM-CT01 Compression Tool
- » 1 x 08MM-ST05 Stripper
- » 50 x 08MM-EX6XLG Connectors



Professional Compression Tool Kit With Case

08MM-SKY-KIT2

- » 1 x 08MM-CT01 Compression Tool
- » 1 x 08MM-ST05 Stripper
- » 50 x 08MM-EX6XLG Connectors
- » Protective Hard Case



Stripping Tool For RG59, RG6, RG11 and CAT 5

08MM-ST05

- » Suitable for RG59, RG6, RG11 coaxial cable and data/telephone cable
- » Ideal for stripping outer jackets of UTP, STP & CAT5 round telephone cable
- » The stripping tool also incorporates an in built, adjustable cable cutter
- » Provides a click in, rotating cartridge to swap between RG59/RG6 a nd RG11 stripping
- » Compact, light weight design

Notes



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Amplifiers and Modulators

Product Catalogue



4 Port Apartment Amplifier with Backfeed

10MM-DDA14C

- » The DDA14C has 18VDC on the input to signal a system switch in an SMATV system or to power a Terra optical node
- » All four outputs can see the input independently. The DDA14C is supplied with a 18VDC 1A regulated power supply power supply for local powering or a power injector can be purchased separately for line powering of the DDA214C
- » LTE filtering ensures 4/5G interferences do not interfere with the performance of the digital signals
- As with the DDA24 the DDA14C offers the "Backfeed" port for distribution of modulated HD signals around the apartment
- » Designed for New Zealand commercial distributions systems with Kiwi Ingenuity





Digital Amplifier Sat/Ter 4 Way Splitter Amp with Backfeed and 4G Filter

10MM-DDA24

- » 4 Outputs
- » Frequency range 47-2150MHz
- » Electrostatic protection
- » LNB power on (18VDC)
- » Switchable Inputs
- » 4G/5G protection





Digital Amplifier Sat/Ter 8 Way Splitter Amp with Backfeed and 4G Filter

10MM-DDA28

- » 8 Outputs
- » 1-2 Switchable Inputs
- » Frequency range 47-2150MHz
- » Includes power supply





Amplifier UHF 4G Filter Super Low Noise

10MM-J25SLN

- » Industry standard 'F' connectors
- » Black UV stabilised cable tie for easy installation and long life
- » Non-corrosive circuit board with high quality components
- » U/V stabilised weather proof housing





Amplifier 2 Way - 4G LTE Filter

10MM-MA22FL

- » Ideal for TV and FM signals to be split to 2 TV's
- » 2 Way UHF/VHF amplifier with integrated power 1 input 2 outputs
- » Frequency range 40-694MHz
- » 4G LTE filter low pass 694MHz
- » 3 x A3 female IEC adaptors
- » 15dB ± 3dB Gain





Amplifier 4G VHF/UHF with Power Pack

10MM-MD15P

- » Includes 14VDC power supply and cable ties for mounting
- » Passive VHF passing or combining with 1.5dB max insertion loss
- » Use with a combination antenna
- » CH 4-11 + 21-46
- » Filter attenuation @ 720MHz: 19dB, @ 750MHz: 30dB





Masthead Amplifier UHF 24dB - 4G Filter and Power Supply

10MM-MD24UP

- » 694MHz built in 4G low pass filter
- » Switchable 694MHz low pass filter
- » Gain with LTE filter 694MHz 24dB
- » VHF switch diplexing max attenuation 2.84dB at 230MHz
- » Heavy duty clamping system
- » Power supply included





Sat Multi-switch 5 x 8 with Tone Remote

10MM-MST08

- » 4 x Satellite, 1 x Terrestrial inputs
- » For star distribution for 8-outlets
- » Voltage and tone switching from inputs
- » Powered from any output "remote-powering"
- » Compact design
- » Designed for New Zealand use







Sat Multi-switch 5 x 8 with Tone Remote + Power Supply

10MM-MST08P

- » 5 x Satellite, 1 x Terrestrial inputs
- » For star distribution for 8-outlets
- » Voltage and tone switching from inputs
- » Powered from any output "remote-powering"
- » Includes power supply
- » Designed for New Zealand use



Satellite Multiswitch 3 x 8

10MM-MST308

- » Hub friendly
- » 2 x satellite inputs, 1 x terrestrial input (UHF/FM), backfeed and 8 outputs
- » LNB and masthead amplifier powering
- » 4G/5G TLE filtered
- » Power supply and push rivets for securing into hub included
- » Kiwi ingenuity





Multiswitch 2 x SAT, 1 x TER, 1 x Backfeed, 19" **Rack Mount**

10MM-MST316-19

- » Inputs: 2 x Satellite, 1 x Terrestrial, 1 x Backfeed (SAT1 and TER switchable SEP/COMB)
- » Frequency 47-2150MHz
- » Electrostatic protection
- » LNB and Masthead amplifier powering
- » Power supply included
- » Compatible with MST, DDA and MDS, Hub friendly





Modulator Terra DSB Mono 85dBuV Agile

10MM-MT47

- » Built-in test pattern generator (TPG) for video and audio
- » Frequency agile double sideband multi standard TV modulators
- » Adjustable audio input level and RF output level
- » Protection from unauthorised access
- » Connectors: RCA sockets for audio/video and 'F' female for RF output







Power Inserter 24VDC 5-2050MHz

10MM-PI24

- » Allows for mounting of the drop amp away from the power outlet
- » Directs power to the drop amp while allowing RF to pass to the TV
- » Frequency range 10-2300MHz
- » Insertion loss 2dB
- » Max 1.5 Amp



Power Supply 14V DC 'F' Type

10MM-PSD14

- » Reduces protrusion
- » Environmentally smart
- » MEPS and RoHS compliant
- » Male 'F' type connection
- » Output: 14VDC 300MA



Power Supply 18VDC 'F' Type 1000mA

10MM-PSM18F

- » Zinc die cast housing, nickel plated
- » Frequency range 5-2400MHz
- » Insertion loss < 1dB
- » Input: 100 240V ~ 50/60Hz
- » Output: 18VDC 1000mA



Power Supply 18VDC 3 AMP X 4 Way Power Injector

10MM-PSM4I

- » Comes with 18VDC 3AMP power supply
- » 4 Staggered F connector outputs to allign with the 14MM-TS018 termination shelf
- » Comes with 4 x Quick F adaptors
- » Earth tag and wall mount tags
- Designed to work with the AVANTX compact headend and MDS™ & MDS1 Digital Distribution System



Amplifier Satellite 18dB Inline 950-2050MHz

10MM-SA18

- » Maximum output of 105dBµV at 35dB IMR.
- » Frequency range 950-2050MHz
- » Passes both DC and 22KHz
- » The satellite amplifier is a fully screened remote powered device which will work in a voltage range of 12-18V DC

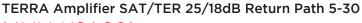


Active Return Path Module for 14MM-BA213U

14MM-HA205R30

- » High power floor distribution amplifier with 47~862MHz output 109dBuV
- » Return path 5-30MHz
- » Slope adjustment for cable compensation
- Switchable gain 27dB or 36dB to set output of the amplifier to your design requirements
- » Weatherproof and RF screen die cast housing
- » Ga-As push pull amplification for low distortion





14MM-HSA001

- » Combined input
- » 18-25dB gain on Satellite and 14-18dB of gain Terrestrial. If more gain required look at HSA100 or ST45
- » High output, 100+ dB
- » Passive return-path 5-30MHz
- » Modern Cabrio design, die-cast housing inside plastic shell.



Satellite/Terrestrial Amplifier 31dB Sat. 24dB Ter. Passive 30MHz Return-path

14MM-HSA100R

- » Amplifies both Satellite and Terrestrial services
- » Terrestrial stage can be switched to passive if it is not needed
- » DC power pass through, allows power to be passed to an LNB or masthead amplifier
- » Independant gain and slope adjustment available for both satellite and terrestrial bands
- » Ventilated power-supply section allowing for greater heat dissipation and a longer MTBF when compared to other amplifiers



Terra Multiband Amplifier

14MM-MA056T

- » Combines and and balances up to 4 RF inputs with 30dB of gain regulation on VHF/FM and 2 x 35dB gain on UHF
- » DC protection and indication of DC overload
- » Built in gain control for individual inputs
- » LTE 4/5G filtering
- » Modern Cabrio design, die-cast housing inside plastic shell.
- » Built in test point



Amplifier SAT 35-45DB Televes

14MM-SA45

- » 45dB gain for Satellite
- » Combines Terrestrial
- » Powers LNB
- » 20dB adjustment
- » 30dB test port
- » Mains power



Satellite/Terrestrial Amplifier 42dB Sat. 53dB Terr.

14MM-ST45

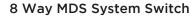
- » Satellite / Terrestrial extender amplifier
- » 53dB gain on Terrestrial
- » 42dB gain on Satellite
- » Test port on IN/OUT-put
- » Attenuation SAT/TER
- » Equalisation SAT/TER



Termination Shelf 18 Port 19" Rack

14MM-TS018-19

- » 18 x 3GHz rated bulk head adaptors
- » 19" 1RU rack mount
- » Adjustable rack depth
- » Pre-labled stickers
- » Removable front plate for ease of connector termination
- » Perfect for terminating and earthing in-out-bound coax cables



21MM-MDS1-8SW

- » Receives power and RF from MDS™ system or can be local powered if used as "stand-alone"
- » Power LED to indicate power present
- » Individual adjustments for Satellite and Terrestrial
- » Comes complete with comprehensive labelling system
- Compatible with original MDS system and single wire legacy systems and DDA/MST products
- Products in the MDS1 range: 21MM-MDS1-AMP, 21MM-MDS1-TAP. 21MM-MDS1-8SW, 21MM-MDS1-16SW and 21MM-MDS1-32SW





16 Way MDS System Switch

21MM-MDS1-16SW

- » Receives power and RF from MDS™ system or can be local powered if used as "stand-alone"
- » Power LED to indicate power present
- » Individual adjustments for Satellite and Terrestrial
- » Comes complete with comprehensive labelling system
- » Compatible with original MDS system and single wire legacy systems
- Products in the MDS1 range: 21MM-MDS1-AMP, 21MM-MDS1-8SW, 21MM-MDS1-16SW and 21MM-MDS1-32SW





32 Way MDS System Switch

21MM-MDS1-32SW

- Receives power and RF from MDS™ system or can be local powered if used as "stand-alone"
- » Power LED to indicate power present
- » Individual adjustments for Satellite and Terrestrial
- » Comes complete with comprehensive labelling system
- » Compatible with original MDS system and single wire legacy systems
- Products in the MDS1 range: 21MM-MDS1-AMP, 21MM-MDS1-TAP, 21MM-MDS1-8SW, 21MM-MDS1-16SW and 21MM-MDS1-32SW





MDS Sat Amplifier 4 Output 19" IRU

21MM-MDS1-AMP

- » Inputs: 1x Satellite, 1x Terrestrial
- » Electrostatic protection
- » LTE filtering
- » LNB powering Satellite input, 0 / 18VDC
- » Power supply included
- » Products in the MDS1 range: 21MM-MDS1-AMP, 21MM-MDS1-TAP, 21MM-MDS1-8SW, 21MM-MDS1-16SW and 21MM-MDS1-32SW





MDS System Tap

21MM-MDS1-TAP

- » DC pass through on trunk
- » Switchable DC pass to isolate "TAP" line
- » Power LED to indicate power present
- » Comes complete with comprehensive labelling and "quick connection" system
- » Supplied with 2 x 21MM-DV49 quick joiners
- » Products in the MDS1 range: 21MM-MDS1-AMP, 21MM-MDS1-TAP, 21MM-MDS1-8SW, 21MM-MDS1-16SW and 21MM-MDS1-32SW



Multiswitch 3 x 16 with Backfeed (Hub and Wall Friendly)

30MM-MST316

- » Inputs: 2 x Satellite, 1 x Terrestrial, 1 x Backfeed (SAT1 and TER switchable SEP/COMB)
- » Frequency 47-2150MHz
- » Electrostatic protection
- » LNB and Masthead amplifier powering
- » Power supply included
- » Compatible with MST, DDA and MDS, Hub friendly





Notes



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Filters

Product Catalogue



DTT Filter Passing CH 25-48. Band Stop VHF plus 4G Cellphone

09MM-DTF01

- » Used to filter unwanted 'Digital Killing' interference from 4G Cellphone and strong VHF
- » Outdoor Housing



DTT Filter Passing 88-694MHz 4G Filter

09MM-DTF02

- » Frequency 'Pass Band' 88-694MHz
- » LTE rejection 694-710MHz 18dB
- » LTE rejection 710-790MHz 35dB, LTE rejection 790MHz + 45dB
- » Connections 'F' Female. 'F' Male
- » Power Pass 'No'
- » Indoor





O9MM-DTFO2

Diplexer UHF-FM

09MM-FDUFM

- » UHF / FM with DC Auto Bypass
- » Outdoor Housing



Diplexer Satellite 5-2400MHz

09MM-SD02

- » Combines and filters satellite and terrestrial signals into one coaxial cable
- » Dixplexer can also be used in reverse to split satellite and terrestrial signal
- » 'F' type female connections
- » Compact design to easily fit in wall cavities, use 05MM-FL150 leads
- » Suitable for Satellite TV



Diplexer Satellite Terrestrial Outdoor Auto Power Bypass

09MM-SD05

- » Combines and filters satellite and terrestrial signals into one coaxial cable
- » Dixplexer can also be used in reverse to split satellite and terrestrial signal
- " 'F' type female connections
- » Supplied in outdoor housing for outdoor use
- » Auto volatge circuit for powering of LNB + Masthead amp if present



Diplexer Local Oscillator Stacker 10750 + 11300

09MM-SD20

- » Combine 2 satellites over one coaxial cable
- » If you use a DDA product with the SD20 then you will get 2 Horizontal frequencies over the one coax
- » If you use the MST range then a mix of Horizontal and Vertical polarities can be achieved
- » Used with MDS™ you can achieve a 5 Wire solution over 2 cables
- » Using the Matchmaster 13MM-KF04 and 13MM-KF04A LNB's the 2 different local oscillators 10750/11300 are combined and can run over the one coaxial cable



19MM-IS2G



- » Frequency range 5-215MHz
- » Insertion loss (dB) 0.5dB Max
- » Isolation 400V DC / 800V DC Peak
- » Return loss >= 13dB



Surge Protector 2GHz 750hm 'F'

19MM-SRG2G75F

- » DC feed suitable for satellite applications, 90 volt discharge
- » Safeguard electronic equipment from lightning induced surges
- » Suitable for all outdoor antennas
- » Frequency 2 GHz (5-2000MHz)
- » Return loss >= 18dB



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Splitters

Product Catalogue



Satellite Terrestrial Diplexer 4 Way Splitter Combiner

07MM-SD-TM14

- » Combines satellite and terrestrial UHF/FM signals and splits to 4-outlets
- » Power pass all ports for powering satellite
- » 4G/LTE filtered to reduce interference
- » Used in strong UHF signal areas >70dBuV
- » Use DDA24 if <70dBuV or backfeed required</p>
- » Kiwi innovation





Splitter F-Type 2 Way 5-2450MHz Power Pass All **Ports Horizontal**

07MM-TM12

- » Pay TV approved
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Frequency range 5 2450 MHzUse DDA24 if <70dBuV or backfeed required



2 Way Splitter 5-2400MHz 'F' Type AP/DC in Weatherproof Enclosure

07MM-TM12-OD

- » Pay TV approved
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Weatherproof housing



3 Way Splitter 'F' Type 5-2450MHz Power Pass **All Ports Horizontal**

07MM-TM13

- » Pay TV approved
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Frequency range 5 2450 MHz



4 Way Splitter 'F' Type 5-2450MHz Power Pass All Ports Horizontal

07MM-TM14

- » Pay TV approved
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Frequency range 5 2450 MHz



4 Way Splitter 5-2400MHz 'F' Type AP/DC in Weatherproof Enclosure

07MM-TM13-OD

- » Pay TV approved
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Weatherproof housing



6 Way Splitter 'F' Type 5-2450MHz Power Pass **All Ports Horizontal**

07MM-TM16

- » Pay TV approved
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Weatherproof housing



2 Way Splitter 5-2400MHz 'F' Type Power Pass All Ports Vertical

07MM-TMV12

- » 2 'F' Female outputs
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 10dB extra screening with soldered back
- » Frequency range 5 2400 MHz
- » Vertical ports for easy installation



3 Way Splitter 5-2400MHz 'F' Type Power Pass All Ports Vertical

07MM-TMV13

- » 3 'F' Female outputs
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 11dB extra screening with soldered back
- » Frequency range 5 2400 MHz
- » Vertical ports for easy installation



4 Way Splitter 5-2400MHz 'F' Type Power Pass All Ports Vertical

07MM-TMV14

- » 4 'F' Female outputs
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 12dB extra screening with soldered back
- » Frequency range 5 2400 MHz
- » Vertical ports for easy installation



6 Way Splitter 5-2400MHz 'F' Type Power Pass All Ports Vertical

07MM-TMV16

- » 6 'F' Female outputs
- » Suitable for both Satellite & FTA
- » DC power pass all ports
- » 13dB extra screening with soldered back
- » Frequency range 5 2400 MHz
- » Vertical ports for easy installation



8 Way Splitter 5-2400MHz 'F' Type Power Pass All Ports Vertical

07MM-TMV18

- » 8 F Female outputs
- » Suitable for both Satellite & FTA
- » 14dB extra screening with soldered back
- » Vertical ports for easy installation

8 Way Active Tap

14MM-JA08



- » Can be remotely powered via Input port, output port and aux port
- » Built in slope and gain controls for satellite band
- » Built in gain control with 4dB fixed slope for terrestrial band
- Terrestrial frequency range 47-694MHz, satellite frequency range 950-2400MHz
- » Suitable for MDU Foxtel systems

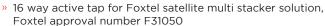






16 Way Active Tap

14MM-JA16



- » Can be remotely powered via Input port, output port and aux port
- » Built in slope and gain controls for satellite band
- » Built in gain control with 4dB fixed slope for terrestrial band
- Terrestrial frequency range 47-694MHz, satellite frequency range 950-2400MHz
- » Suitable for MDU Foxtel systems







32 Way Active Tap

14MM-JA32



- Can be remotely powered via input port, output port and aux port
- » Built in slope and gain controls for satellite band
- Built in gain control with 4dB fixed slope for terrestrial band
- Terrestrial frequency range 47-694MHz, satellite frequency range 950-2400MHz
- » Suitable for MDU Foxtel systems







1 Way Tap 11dB

17MM-TM111

- » Frequency range 5 2150 MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA



1 Way Tap 14dB

17MM-TM114

- » Frequency range 5 2150 MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA



1 Way Tap 17dB

17MM-TM117

- » Frequency range 5 2150 MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA



4 Way Vertical Tap 8dB

17MM-TM408

- » Frequency range 5 2150MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA
- » High isolation between outputs
- » High visual impact packaging



4 Way Vertical Tap 11dB

17MM-TM411

- » Frequency range 5 2150MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA
- » High isolation between outputs
- » High visual impact packaging



4 Way Vertical Tap 14dB

17MM-TM414

- » Frequency range 5 2150MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA
- » High isolation between outputs
- » High visual impact packaging



4 Way Vertical Tap 17dB

17MM-TM417

- » Frequency range 5 2150MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA
- » High isolation between outputs
- » High visual impact packaging



4 Way Vertical Tap 20dB

17MM-TM420

- » Frequency range 5 2150MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA
- » High isolation between outputs
- » High visual impact packaging



4 Way Vertical Tap 23dB

17MM-TM423

- » Frequency range 5 2150MHz
- » Extra screening effectiveness reduces interference
- » Power pass through port (AC/DC)
- » Suitable for both satellite & FTA
- » High isolation between outputs
- » High visual impact packaging

Notes



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Products may vary from images showr and all specifications are correct at time of printing





Installation Hardware

Product Catalogue















V Block Assembly Complete Heavy Duty

11MM-620

- » V-block assembly complete, Heavy duty
- » Complete with Clamp, U-bolt and nuts/washers
- » Plated for corrosion protection

V Block Assembly Complete Standard

11MM-665K

- » V-block assembly complete, Standard
- » Complete with Clamp, U-bolt and nuts/washers
- » Plated for corrosion protection

Swivel Mount 1.0m

» Complete with alloy stays and base

Product Code	Meter
11MM-AM1000K	1.0m
11MM-AM1500K	1.5m
11MM-AM2000K	2.0m

Base Only for Adjustable Mount

11MM-AMBASE

- » Used with 11MM-MT15R, 11MM-MT20R Mast
- » The AMBASE allows the mast to be adjusted to any angle
- » Pre-drilled for roof mounting
- » Complete with nut/bolt for connection to MT10/15/20R
- » Galv-bond steel construction
- » Made in Christchurch New Zealand

Extra Long Base Only 340mm

11MM-AMBASE-I

- » The AMBASE-L is 340mm and is used with MT10/15/20/30/40R straight mast
- » The AMBASE allows the mast to be adjusted to any angle
- » Pre-drilled for roof mounting
- » Complete with nut/bolt for connection to MT10/15/20/30/40R
- » Galv-bond steel construction
- » Made in Christchurch New Zealand

Cable Clip Black 7mm (100)

11MM-CC7B

- » Round cable clip
- » Ideal for telephone, coaxial and data cable
- » Tough and flexible
- » Discrete design

Cable Clip White 7mm (100)

11MM-CC7W

- » Round cable clip
- » Ideal for telephone, coaxial and data cable
- » Tough and flexible
- » Discrete design



Cable Ties White (100)

- » UV resistant to prolong useful life outdoors
- » One piece construction self locking nylon cable ties

Product Code	Width
11MM-CT140W	140mm
11MM-CT200W	200mm
11MM-CT380W	380mm
11MM-CT430W	430mm



Cable Ties Black (100)

- » UV resistant to prolong useful life outdoors
- » One piece construction self locking nylon cable ties

Product Code	Width
11MM-CT200B	200mm
11MM-CT380B	380mm



Heavy Duty Antenna Nest

11MM-HDN

- » Galvanised finish
- » Heavy duty construction
- » Used with a U bolt to clamp antenna or masting
- » Design with grip teeth for extra stability to prevent antenna shifting



Guy Cleat Surface Anchor

11MM-GC/4

- » Can be mounted to any tin/timber
- » Galvanised finish
- » Convenient 4 pack
- » Heavy duty construction



Guy Clamp Assembly Mast

- » Used to tie guy wire to a mast
- » Clamp kit for attaching to a mast
- » Includes guy plate and lock ring

Product Code	Diameter
11MM-GCA32	1.25"
11MM-GCA38	1.5"



Hockey Stick Stay Bar Collar (25-32mm)

11MM-HC01

- » Used to connect and support stay bar to mast
- » Dual lock on bolts for extra stability to prevent shifting
- » Compact, simple design
- » Galvanised finish
- » Heavy duty construction



Mount Curved Fascia

- » Hot dipped galvanised finish
- » Right angle steel tube to fit to the roof fascia
- » Protrudes 180mm from fascia surface
- » Heavy duty construction

Product Code	Length
11MM-HS500	0.5m
11MM-HS1000	1.0m
11MM-HS1200	1.2m
11MM-HS1500	1.5m
11MM-HS2000	2.0m
11MM-HS2500	2.5m



Iron Roof Mount

11MM-IRM

- » Shaped to fit the profile of standard steel roof ridge capping
- » Includes U-bolt, nuts and washers
- » Galvanised finish
- » Heavy duty construction



Jigger Boom 500mm Galvanised

11MM-JB500G

- » 500mm "Jigger-boom" used to extend mount from mast
- » Complete with Clamp, U-bolt and nuts/washers
- » Galv-bond steel construction
- » Made in Christchurch New Zealand



1.5m Mast Extension Kit

11MM-MEK

- » Used to extend a mast by an extra 1.5m
- » Includes U-bolt, nuts and washers
- » Galvanised finish
- » Design with grip teeth for extra stability to prevent mast shifting
- » Bolts onto new or existing satellite mounts



- » Used to extend a mast by an extra 0.5m
- » Galvanised finish

Product Code	Length
11MM-MEP05	0.5m
11MM-MEP1	1.0m



Mast Only for Adjustable Ridge Mount

- » 1000mm straight mast, used with 11MM-AMBASE/L
- » Galv-bond steel construction
- » Drilled hole for AMBASE mounting
- » Made in Christchurch New Zealand

Product Code	Length
11MM-MT10R	1.0m
11MM-MT15R	1.5m
11MM-MT2OR	2.0m
11MM-MT40R	4.0m















Pipe Clamp 27mm

11MM-PIPECLAMP

- » 27mm Pipe clamp, spare part
- » Complete with U-bolt, clamp, nuts/washers
- » Plated for corrosion protection

Cable Dispenser Frame

11MM-RFFI 01

- » Metal frame that supports a roll of cable
- » Allows easy access and dispensing of cable
- » Metallic steel finish
- » Heavy duty construction

Ridge Mount

- » Ridge roof mount
- » Flexible wide base for "ridge" mounting
- » Hot-dipped galvanised corrosion protection
- » 300mm mounting pole
- » Made in Christchurch New Zealand

Product Code	Length
11MM-RM03	0.3m
11MM-RM05	0.5m
11MM-RM10	1.0m

Adjustment Stay 1.0m-1.75m (without U Bolt)

11MM-SB1000A

- » 100-1750mm telescopic steel stay bar for bracing Satellite mount
- » Pre drilled both ends (no clamp)
- » Galv-bond steel construction
- » Complete with self-tapping screw to lock length
- » Made in Christchurch New Zealand

Adjustment Stay 1.0m-1.75m with U Bolt

11MM-SB1000AU

- » 1000-1750mm telescopic steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Complete with self-tapping screw to lock length
- » Made in Christchurch New Zealand

Stay 1.0m Alloy Single

11MM-SB10A

- » 1000mm Aluminium stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Solid extruded aluminium construction
- » Made in Christchurch New Zealand



Stay 1.0m Galvanised Single

11MM-SB10G

- » 1000mm Steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Made in Christchurch New Zealand



Adjustable Stay 1.5M-2.9M with U bolt

11MM-SB1500AU

- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Complete with 2 self-tapping screws to lock length
- » Made in Christchurch New Zealand



Stay 1.5m Alloy Single

11MM-SB15A

- » 1500mm Aluminium stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Solid extruded aluminium construction
- » Made in Christchurch New Zealand



Stay 1.5m Galvanised Single

11MM-SB15G

- » 1500mm Steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Made in Christchurch New Zealand



Stay 2.0m Alloy Single

11MM-SB20A

- » 2000mm Aluminium stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Solid extruded aluminium construction
- » Made in Christchurch New Zealand



Stay 2.0m Galvanised Single

11MM-SB20G

- » 2000mm Steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Made in Christchurch New Zealand



Stay 2.5m Galvanised Single

11MM-SB25G

- » 2500mm Steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Made in Christchurch New Zealand



Adjustment Stay 0.5m-0.90m (without U Bolt)

11MM-SB500A

- » 500-900mm telescopic steel stay bar for bracing Satellite mount
- » Pre drilled both ends (no clamp)
- » Galv-bond steel construction
- » Complete with self-tapping screw to lock length
- » Made in Christchurch New Zealand



Adjustment Stay 0.5m-0.90m With U Bolt

11MM-SB500AU

- » 500-900mm telescopic steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Complete with self-tapping screw to lock length
- » Made in Christchurch New Zealand



Adjustment Stay 0.7m-1.30m (without U Bolt)

11MM-SB700A

- » 700-1300mm telescopic steel stay bar for bracing Satellite mount
- » Pre drilled both ends (no clamp)
- » Galv-bond steel construction
- » Complete with self-tapping screw to lock length
- » Made in Christchurch New Zealand



Adjustment Stay 0.7m-1.30m with U Bolt

11MM-SB700AU

- » 700-1300mm telescopic steel stay bar for bracing antenna mount
- » Pre drilled one end, pipe clamp at other end
- » Galv-bond steel construction
- » Complete with self-tapping screw to lock length
- » Made in Christchurch New Zealand



Silicon Adhesive Tube

11MM-SI01

- » Multi-purpose silicon adhesive
- » Low odour
- » Permanently flexible
- » Industrial grade
- » Ultra violet resistance
- » Superior adhesion



Screw Tek 100mm Loose

11MM-ST100

- » Self tapping
- » Used on wood and metal construction



Screw Tek 125mm Loose

11MM-ST125

- » Self tapping
- » Used on wood and metal construction



Screw Tek 25mm Loose

11MM-ST25

- » Self tapping
- » Used on wood and metal construction



Screw Tek 50mm Loose

11MM-ST50

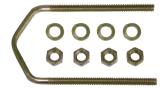
- » Self tapping
- » Used on wood and metal construction



Screw Tek 75mm Loose

11MM-ST75

- » Self tapping
- » Used on wood and metal construction



U-Bolt Only Standard

11MM-UB6M

- » Used for mounting antennas to masts using a nest
- » Includes nuts and washers
- » Strong and sturdy design



Mount Under Eave

11MM-UEM

- » Bolts underneath eave to provide base for a Aerial Hockey stick
- » Used with 11MM-HS 500/1000/1200/1500//2000/2500
- » Note, may require stays to be used with longer mounts
- » Galv-bond steel construction
- » Comes with nuts/bolts
- » Made in Christchurch New Zealand

Notes



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Accessories

Product Catalogue







- » New Zealand Design Registration Number: 418283 and 418555
- » Can hold up to 5 New Zealand standard face plates
- » Able to hold signal converters like HDMI® converters, DDA24 or Modulator
- » Designed for new and existing constructions
- » Suitable for residential and commercial buildings
- » Paintable and easily hides cables in the wall cavity



Recessed Wall Point

04MM-RP01

- » Suitable for residential and commercial buildings with paintable faceplate
- » Compatible with all major walloutlet brands
- » Designed for 70mm and 90mm wall cavities
- » Quick and easy installation template included
- » Simple twist clamp design for easy installation
- » High quality heat resistant plastic Power point not included



Recessed Wall Point with Built in Cable Management System

04MM-RP02

- » Suitable for residential and commercial buildings with paintable faceplate
- » Compatible with all major wall outlet brands
- » Designed for 70mm and 90mm wall cavities
- » Quick and easy installation template included
- » Simple twist clamp design for easy installation
- » High quality heat resistant plastic Power point, HDMI lead, flylead, RJ45 mech, data cables not included.



Recessed Wall Point with Built in Cable Management System (Black)

04MM-RP03

- » Suitable for residential and commercial buildings with paintable faceplate
- » Compatible with all major wall outlet brands
- » Designed for 70mm and 90mm wall cavities
- » Quick and easy installation template included
- » Simple twist clamp design for easy installation
- » High quality heat resistant plastic Power point, HDMI lead, flylead, RJ45 mech, data cables not included.



TV Tilt and Swivel Wall Mount 23-42"

04MM-TB01

- » Heavy Duty LCD wall bracket suitable for 23-42 inch TV's
- » Swivelling and 360 degree rotating mounting plate to allow for maximum flexibility and for viewing in portrait or landscape
- » 20kg load rating
- » Anti-theft design (requires padlock)
- » Easy 3 step installation with built in bubble level
- » Slide in VESA plate for easy installation and detachment



TV Tilt and Swivel Dual Arm Wall Mount 23-42"

04MM-TB02

- » Heavy Duty dual arm LCD wall bracket suitable for 23-42 inch TV's
- » Tilt and swivel adjustable for maximum viewing flexibility
- » 30kg load rating
- » Keyhole pattern allows for easy installation
- » Suitable for corner mounting



TV Rail Mount Bracket 32-55"

04MM-TB03

- » Simple to use rail mount bracket for flush mounting TV's
- » Ultra slim design (19mm)
- » Suits TV's 32-55 inch
- » Built in bubble level
- » 45kg load rating



TV Rail Mount Bracket 37-70"

04MM-TB04

- » Simple to use rail mount bracket for flush mounting TV's
- » Ultra slim design (19mm)
- » Suits TV's 37-70 inch
- » Built in bubble level
- » 65kg load rating



TV Flush Mount Bracket 32-55" Full Wall Plate

04MM-TB05

- » Flush mount wall bracket 32-55 inch with full wall mounting back plate
- » Compatible with all hole patterns including VESA standard
- » 75kg load rating
- » Built in bubble level for easier installation



TV Flush and Tilt Mount Bracket 37-70" Full Wall Plate

04MM-TB06

- » Flush mount wall bracket 37-70 inch with full wall mounting back plate
- » Can be tilted -5 degrees by using supplied mounting arm accessories
- » Heavy duty 75 kg load rating
- » Compatible with all hole patterns including VESA standard
- » Locking bar for anti-theft (padlock required)



Low Profile TV Flush and Tilt Mount Bracket 37-70" **Full Wall Plate**

04MM-TB06LP

- » 20.5mm super low profile
- » Flush mount wall bracket 37-70 inch with full wall mounting back plate
- » Can be tilted -8 degrees by using supplied mounting arm accessories
- » 35kg load rating
- » Compatible with all hole patterns including VESA standard



TV Tilt Mount Bracket 37-70" Full Wall Plate

04MM-TB07

- » Tilt mount wall bracket 37-70 inch with full wall mounting back plate
- » Tilt adjustable -10 to +10 degrees with easy grip knobs for quick adjustment and locking
- » Heavy duty 75kg load rating
- » Compatible with all hole patterns including VESA standard
- » Built in bubble level for easy installation



TV Tilt and Swivel Bracket 37-70" Heavy Duty

04MM-TB08

- » Heavy duty tilt and swivel extension bracket for large TV's 37-70 inch
- » 645mm back plate for mounting across two studs
- » Heavy duty 50kg load rating
- » Dual support arms for maximum stability
- » Compatible with all hole patterns including VESA standard
- » Built in level adjustment + or -3 degree



Projector Ceiling Mount

04MM-TB09

- » Heavy duty universal projector mount
- » 360 degree rotation and 15 degree tilt for maximum viewing ability
- » 10kg load rating
- » 130-320mm mounting adjustment
- » Cable management system built in



Ceiling Mount Pole for 04MM-TB06 and 04MM-TB07

04MM-TB10

- » Heavy duty ceiling mount extension bracket for use with 04MM-TB06 and 04MM-TB07
- » 360 degree rotation adjustment for optimal viewing
- » Height adjustable range from 1050mm to 1620mm
- » 75kg load rating



TV Mount Bracket Extra Large 100" Heavy Duty

04MM-TB11

- » Extra large heavy duty fixed design suitable for both flat and curved panel configurations from 60" to 100"
- » Heavy duty 100KG load rating to support large commercial screens
- » Open architecture design allows easy accommodation of larger recessed hubs for cable management
- » Automatic click in spring lock for added safety
- » 32mm slim profile to allow flush mounting to the wall



TV Tilt and Swivel Bracket 43"-100"

04MM-TB12

- » Swivel mount wall bracket 43-100 inch with full wall mounting back plate
- » Heavy duty 70 kg load rating supporting larger screens
- » Max 800mm off the wall allowing larger screens the ability to use all the available swivel.
- » Allows a VESA pattern up to 800 x 600
- » Built-In Level Adjustment: ensures perfect positioning
- » Post-Install Lateral Shift: makes it easy to centre TV on the wall, even with off-centre studs



TV Tilt and Swivel Bracket 43-80" - Long Arm to 1015mm

04MM-TB13

- » 82-1015mm long extension arm provides a wide range of viewing angles
- » Swivelling arms offer maximum viewing flexibility (makes every seat the best seat)
- » Heavy-duty 50 kg load rating to support larger screens
- » Cable management elegantly hides any cables that are attached to displays
- » For most 43"-80" flat-panel TVs
- » Quick-release latch locks and unlocks the unit in place



TV Tilt and Swivel Bracket 37-70" Single Stud Mounting Plate

04MM-TB14

- » Single Stud wall attachment, perfect for corner mounting TV's
- Swivelling Arms offer maximum viewing flexibility (makes every seat the best
- » Built-In Level Adjustment ensures perfect positioning.
- » Cable Management: elegantly hides any cables that are attached to displays
- » Free-Tilting Design: for multiple monitor viewing angles
- » Compatible with VESA patterns up to 600x400.



Toslink Right Angle Adaptor

04MM-TOS-RA

- » Right angle for tight or confined spaces
- » Protrudes by 20mm from connected device
- » Rotatable male connection to allow you to spin the adapter to the perfect angle
- » Gold flashed ends for a secure connection



Toslink Male to Male Lead including Right Angle Adaptor

- Utilised for connecting your TV to your sound bar, DVD player, Blu-ray, gaming console, HD set top box etc
- » Digital optical fibre
- » Right angle adaptor included
- Transmits in stereo, 5.1, 6.1 and 7.1 Dolby digital surround plus uncompressed digital PCM recordings
- » Protective cap and jacket

Product Code	Length
04MM-TOS1	1m
04MM-TOS3	3m
04MM-TOS5	5m
04MM-TOS15	15m
04MM-TOS20	20m



Attenuator 3dB 'F' Type Power Pass

05MM-AF03P

- » Attenuators are used in a wide variety of applications and can satisfy almost any requirement where a reduction in power is needed
- » Let's power pass through to masthead amplifiers
- » 5-2400MHz Pass



Attenuator 6dB 'F' Type Power Pass

05MM-AF06P

- » Attenuators are used in a wide variety of applications and can satisfy almost any requirement where a reduction in power is needed
- » Let's power pass through to masthead amplifiers
- » 5-2400MHz Pass



Attenuator 10dB 'F' Type Power Pass

05MM-AF10P

- » Attenuators are used in a wide variety of applications and can satisfy almost any requirement where a reduction in power is needed
- » Let's power pass through to masthead amplifiers
- » 5-2400MHz Pass



Attenuator 20dB 'F' Type Power Pass

05MM-AF20P

- » Attenuators are used in a wide variety of applications and can satisfy almost any requirement where a reduction in power is needed
- » 20dB loss
- » Let's power pass through to masthead amplifiers
- » 5-2400MHz Pass



Flylead RG59 1500mm 'F'-BL Trishield Digital Ready

05MM-BL1500

- » HDTV compliant
- » Coaxial cable provides 3 layers of shielding for extra protection from ingress
- » Designed for use between F-wallplate and Digital TV







Quick 'F' Male to Quick 'F' Male 200mm Patch Lead

05MM-CPI 200-5

- » LTE A++ Standard
- » RG59 Quad Shield
- » Pack of 5
- » Flexible
- » Design for use with MDS™ Headend products



Quick 'F' Male to Quick 'F' Male 400mm Patch Lead

05MM-CPL400-5

- » LTE A++ Standard
- » RG59 Quad Shield
- » Pack of 5
- » Flexible
- » Design for use with MDS™ Headend products



Quick 'F' Male to Quick 'F' Male 600mm Patch Lead

05MM-CPI 600-5

- » LTE A++ Standard
- » RG59 Quad Shield
- » Pack of 5
- » Flexible
- » Design for use with MDS™ Headend products



Diplexer FTA/SAT (Suitable For Clipsal® Double Gang Plate)

05MM-DOP2C

- » Includes 2x outlet plate inserts
- » Allows you to separate free to air and satellite signal from a single cable
- » Suitable for Clipsal 3, 4, 5, 6 Gang 2000, Slimline Series Wall Plates
- » Input frequency range: 5-2400MHz
- » Output frequency range: FTA 5-862MHz and SAT 950-2400MHz



Diplexer FTA/SAT (Suitable for most HPM wall plates)

05MM-DOP2H

- » Includes 2x outlet plate inserts
- » Allows you to separate free to air and satellite signal from a single cable
- » Suitable for HPM Dual Wall Plates
- » Input frequency range: 5-2400MHz
- » Output frequency range: FTA 5-862MHz and SAT 950-2400MHz



Flylead RG59 150mm 'F'-'F' Digital Ready Pair

05MM-FI 150

- » Pack contains 2 leads, 1 Blue, 1 White
- » Leads are RG59 for flexibility
- » Designed for use with the SD02 diplexer for "behind wall-plate" connection



Flylead RG59 1500mm 'F'-'F' Trishield Digital Ready

05MM-FL1500

- » HDTV compliant
- Coaxial cable provides 3 layers of shielding for extra protection from ingress
- Designed for use between F-wallplate and Satellite receiver





Outlet Skirting 'F' Type -COB11 'F' F/M

05MM-L735F

- » Coaxial connector for use on skirting boards
- » Compact and clean design
- » Blue 3G rated inner
- » White plastic casing



2M CAT6 UTP Patch Lead Black 1x RJ45 Right Angled Clip Down

05MM-PL2RAB

- » Right angled at one end for space sensitive installations
- » 2m black terminated to T568A for best performance
- » CAT6 unshielded twisted pair (UTP)
- » Clip down for the uppermost connection



'F' Type Outlet Plate (Foxtel Approved)

05MM-WP01

- » Fixed 'F' type outlet plate
- » Foxtel approved (F10114)
- » Fully shielded 'F' type rear connector
- » Suitable for domestic installations for use with satellite, digital and pay TV systems
- » Gloss finish



SAT/FTA/PDR Outlet Plate (Foxtel Approved)

05MM-WP04

- » Foxtel approved (F10115)
- » Suitable for domestic installations for use with 5 wire system, satellite, digital, pay TV systems as well as personal digital recorders
- » Includes one blank insert
- » Return loss SAT >20 dB to 3GHz FTA >20dB to 1GHz
- » Gloss finish



'F' Female to IEC Female Outlet Plate

05MM-WP11

- » Fixed 'F' type female outlet plate
- » Return loss >10dB
- » Fully shielded 'F' type rear connector
- » Suitable for domestic PAL installations
- » Gloss finish

Large Bullnose Outlet Plate (White)

05MM-WP61



- » Bull nose cable management solution for computer networks, home theatre systems
- » Cabling remains neat, tidy and secure via the cable management push through system
- » Large opening which can accommodate a large run of cables at once
- » Easy to run cables through the wall
- » Also available in black (05MM-WP61B)
- » Detachable nose for flush installations

Large Bullnose Outlet Plate (Black)



05MM-WP61B

- » Bull nose cable management solution for computer networks, home theatre systems
- » Cabling remains neat, tidy and secure via the cable management push through system
- » Large opening which can accommodate a large run of cables at once
- » Easy to run cables through the wall
- » Also available in white (05MM-WP61)
- » Detachable nose for flush installations



Outlet Plate with Brush Cover

05MM-WP64

- » This narrow opening cable management wall plate keeps cables tidy and secure
- Suitable for computer networks, home theatre systems, or any application which involves in-wall cabling
- Has a narrow opening that accommodates additional direct connection of pre-terminated cables
- » Allows cables to enter the wall cavity space without the need for inter-connect fittings
- » Ideal for pre-made leads directly out of the wall cavity
- » Brush keeps dust away



Outlet Plate with Brush Cover (Black)

05MM-WP64B

- » This narrow opening cable management wall plate keeps cables tidy and secure
- » Suitable for computer networks, home theatre systems, or any application which involves in-wall cabling
- » Has a narrow opening that accommodates additional direct connection of pre-terminated cables
- » Allows cables to enter the wall cavity space without the need for inter-connect fittings
- » Ideal for pre-made leads directly out of the wall cavity
- » Brush keeps dust away



60mm Wall Entry Point for AV and Low Voltage **Electrical Cable Management**

05MM-WP66

- » New Zealand Design Intellectual Property Number 427536
- » Perfect to use for any Low Voltage Cabling, A/V, Data or Networking cabling
- » 60mm diameter to allow easy passthrough for IEC 3 pin mains power lead ends
- » Quick and simple installation by using a hole saw for cut out, then auto locking wall clips rotate into place when tightened
- » Eliminate strain on your cables and connectors
- » Perfect to use behind wall mounted screens, sound bars, speakers etc
- High quality heat resistant plastic Power supply lead, HDMI lead, data cables not included.



Adaptor 'F' Male to IEC (PAL) Male

08MM-A1

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » All metal body, durable composition
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female To IEC (PAL) Male

08MM-A2

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish





Adaptor 'F' Male To IEC (PAL) Female

08MM-A3

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female To IEC (PAL) Female

08MM-A4

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female To RCA Male

08MM-A6

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Male To 'F' Male

08MM-A7

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor RCA Female To 'F' Female

08MM-A8

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Male to 'F' Female Elbow

08MM-A10

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » 90 degree elbow suitable for sharp bends
- » No tools required
- » All metal body, durable composition
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female to 'F' Male Push On

08MM-A11

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish





08MM-A16

- » Ideal to convert Matchmaster's range of 'F' type connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor IEC (PAL) Female To BNC Male

08MM-B1

- » Ideal to convert Matchmaster's range of BNC connectors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female To BNC Male

08MM-B2

- » Ideal to convert Matchmaster's range of 'F' type and **BNC** connectors
- » BNC male with twist lock for durability and secure connection
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor RCA Female To BNC Male

08MM-B4

- » Used to convert BNC to any RCA composite video (yellow) or stereo audio (white and red)
- » BNC male with twist lock for durability and secure connection
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Male To BNC Female

08MM-B5

- » Ideal to convert Matchmaster's range of 'F' type and **BNC** connectors
- » BNC female with lock pins for securing to BNC male connectors and adaptors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female To BNC Female

08MM-B6

- » Ideal to convert Matchmaster's range of BNC connectors
- » BNC female with lock pins for securing to BNC male connectors and adaptors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor RCA Male To BNC Female

08MM-B7

- » Ideal to convert Matchmaster's range of BNC connectors
- » BNC female with lock pins for securing to BNC male connectors and adaptors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Connector RG6 BNC Crimp

08MM-B9

- » Suitable for RG6 coaxial cable
- » Used with Matchmaster crimping tool (08MM-CT611)
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor BNC Female To BNC Female

08MM-B10

- » Ideal to convert Matchmaster's range of BNC connectors
- » BNC female with lock pins for securing to BNC male connectors and adaptors
- » No tools required
- » Long life corrosion proof body
- » High quality nickel plated finish



Adaptor 'F' Female To 'F' Female 3GHz

08MM-F813G

- » Used to join two coaxial cables with 'F' type fittings or create an 'F' type outlet
- » 2x nuts and washers
- » Blue 3G rated inner
- » No tools required
- » Long life corrosion proof body



Terminator 'F' Type 75 Ohm

08MM-T1

- » To terminate unused ports on taps and splitters
- » High quality nickel plated finish
- » No tools required
- » Long life corrosion proof body



Adaptor 'F'-Fixed Push On

18MM-DV49A

- » Nickel plated brass
- » Easy quick connection of multiswitch and tap systems



Terminator -75 Ohm DC Blocking

18MM-DV25

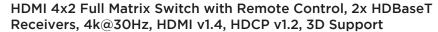
- » Nickel plated brass
- » Used on MDS™



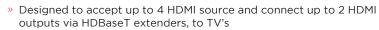
HDMI 100mtr HDBase-T Extender over single cat5e/cat6 cable, 4k@30Hz, HDMI v1.4, HDCP v1.2

HDMI-CAT5-100M

- » Transmits a HDMI source signal via a single cat5/cat6 cable using HDBase-T technology and connect HDMI outputs, such as TV's
- HDMI Extender over Single cat5e/cat6 and HDMI v1.4 standard and **HDCP** compliant transmitters
- Built-in Lanswitch to distribute Internet to each room and upto 100mtr long extension over HDBase-T technology
- Upto 10.2Gbps transport capability over HDBase-T, 3D support, 4k@30Hz support, HDBase-T Class A and 4Play Convergence feature set [HDMI, LAN & Control (IR)]
- » Requires 1 x cat5e or cat6 Cable
- Includes HDMI cat5 Extender-S [HDMI-IRADP20], HDMI cat5 Extender-R [HDMI-IRADP30] and 2x 5V Power Supply



HDMI-MATRIX4X2E



- » HDMI v1.4 standard and HDCP compliant and LED indicators to identify which inputs are connected
- 4 HDMI input and 2 Outputs (2 x HDBase-T) display sink and Deep Colour 30bit/36bit, Support Xv-YCC and Blue-Ray player for 24fs film format
- Full HD 4k@30Hz, 1080p@60Hz FullHD output and HDMI digital audio format: DTS-HD/Dolby-true-HD/LPCM7.1/DSD
- EDID configurable (4 settings), 3D Support, IR Routing, Manual or remote control selection and It can smartly jump over those input sources which are not operating
- » Includes 2 x IR Receivers and 4 IR Transmitters



HDMI 2 Way Distribution Splitter, upto 20mtr, 4k@30Hz, HDMI v1.4, HDCP v1.3, 3D Support

HDMI-SPLIT2H4K

- » 1 HDMI input split to 2 multi HDMI display sink
- » HDMI v1.4 with latest full performance, HDCP v1.3 compliant and Full HD 1080p@60fps & 50/60Hz, 4k@24/30fps
- Supports VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920x1200) and standard 36bit colour (RGB/YCbCr) and new xvYCC colour space
- » 2 Multi-layers cascading @ full HD 1080p and DTS-HD/true-HD/LPCM7.1 /AC3/DTS/DSD audio format
- » EDID configurable (9 settings) and 3D support
- » High speed chipset bandwidth 3.4Gbps/channel, 10.2Gbps total



HDMI 4 Way Distribution Splitter, upto 20mtr, 4k@30Hz, HDMI v1.4, HDCP v1.3, 3D Support

HDMI-SPI IT4H4K

- » 1 HDMI input split to 4 multi HDMI display sink
- » HDMI v1.4 with latest full performance, HDCP v1.3 compliant and Full HD 1080p@60fps & 50/60Hz, 4k@24/30fps
- Support VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920x1200) and standard 36bit colour (RGB/YCbCr) and new xvYCC colour space
- 2 Multi-layers cascading @ full HD 1080p and DTS-HD/true-HD/LPCM7.1/ AC3/DTS/DSD audio format
- » EDID configurable (11 settings) and 3D support
- » High speed chipset bandwidth 3.4Gbps/channel, 10.2Gbps total





HDMI-SPLIT4H4K

- » 1 HDMI input split to 4 multi HDMI display sink
- » HDMI v1.4 with latest full performance, HDCP v1.3 compliant and Full HD 1080p@60fps & 50/60Hz, 4k@24/30fps
- » Support VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920x1200) and standard 36bit colour (RGB/YCbCr) and new xvYCC colour space
- » 2 Multi-layers cascading @ full HD 1080p and DTS-HD/true-HD/LPCM7.1/ AC3/DTS/DSD audio format
- » EDID configurable (11 settings) and 3D support
- » High speed chipset bandwidth 3.4Gbps/channel, 10.2Gbps total



HDMI 8 Way Distribution Splitter, upto 15mtr, 4k@60Hz, HDMI v2, HDCP v2.2

HDMI-SPLIT8HV2

- » 1 HDMI input split to 8 Multi HDMI display sink
- » HDMI v2 with latest full performance, HDCP v2.2 compliant and High Speed with chipset bandwidth 6Gbps/channel, 18Gbps total and Full HD 2160p@60Hz, 4k@60Hz, 1080p@60fps & 50/60Hz
- » Support VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920x1200) and standard 36 bit colour (RGB/YCbCr) and new xvYCC colour space
- » DTS-HD/true-HD/LPCM7.1/AC3/DTS/DSD audio format
- » EDID configurable (16 settings) and 3D support (for non 4k@60Hz sources)



HDMI 4 way Input Switcher with Remote Control, 4k@30Hz, HDMI v1.4, HDCP v1.2

HDMI-SWI4R

- » Supports 3D signal of 1080p@60Hz and 2D of 4k@30fps up to 3.4Gbps bandwidth, CEC bypass, 16bit Deep Colour and HD lossless audio
- » Source selection control through on-panel button, IR remote and input automatic switch to a valid input when the current input signal becomes invalid
- » Ideal for showroom or conference venues, schools, smart AV installation and home entertainment
- * 4x HDMI input port, 1x HDMI output with HDMI input signal equalization and amplification
- Super backward IR control system, a Optional IR adapter before HDTV help you control the remote DVD/Matrix before HDTV
- » Includes power adapter



12V @ 1A Switchmode Power Supply with 2.1 x 5.5 x11mm +ve Centre Plug (Reversible)

SMPS12V1A-20R

» 12V @ 1A Switchmode Power Supply with 2.1 x 5.5 x11mm +ve Centre Plug (Reversible)



12V @ 1A Switchmode Power Supply with 2.1 x 5.5 x11mm +ve Centre Plug (Reversible)

SMPS5V2A-20R

» 5V @ 1A Switchmode Power Supply with 2.1 x 5.5 x11mm +ve Centre Plug (Reversible)

Notes



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Products may vary from images shown and all specifications are correct at time of printing









HDMI

Product Catalogue





- » Utilised for connecting your TV or projector to your 4K UHD player, Blu-ray or DVD player, gaming console, HD set top box etc
- » Supports 4K/2K @ 30/60Hz and 3D
- » High speed HDMI cable with Ethernet
- » Pure copper conductor
- » 24K gold copper plated connector
- » Supports ARC, CEC and static HDR
- » Backwards compatible with HDMI2.0/HDMI1.4
- » Plug and Play without need for external power source

Product Code	Length
04MM-HDR15	15m
04MM-HDR20	20m
04MM-HDR6	6.1m
04MM-HDR9	9.15m



High Speed 4K HDMI® Cable V2.0 (Installer Grade - Slimline Design) » HDMI cable Male to Male 2.0V

- » Perfectly suited for installations with limited space such as installation behind flush mounted screens or shallow depth cabinets
- » Supports resolutions up to 4K 2K@60Hz with 24bit RGB/YCBCR 4:4:5
- Supports ARC (Audio Return Channel) and CEC control (Consumer Electronics Control)
- » Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- » Compact design for an easy and flexible installation

Product Code	Length
04MM-SL0.5	0.5m
04MM-SL0.75	0.75m
04MM-SL1	1m
04MM-SL1.5	1.5m
04MM-SL2	2m
04MM-SL3	3m
04MM-SL5	5m



TERRA HD Modulator Single HDMI In to HD COFDM Out 10MM-MT67

- » TERRA quality
- » Small and compact
- » Pre-loaded database
- » RF loop through
- » Plug pack supplied



Terra HD Modulator Single HDMI In to HDMI Loop Out

10MM-MT68

- » The TERRA HD modulator follows a strong run of quality products manufactured in Europe. This unit comes complete with a pre-labled data base for ease of use when one modulator is require or multiple modulators
- » HDMI loop out allows for source signal to be modulated and then looped to local device, no need for an HDMI splitter
- » Small and compact and with Terra quality and Matchmaster support
- » RF loop through
- » Preprogrammed data base means no conflict when using multiple digital modulators in the same coaxial system



HDMI Extender, 1x HDMI Loop Out, 1x Cat5e/6 50m Output with IR and PoC

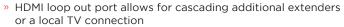
34MM-2K50

- » HDMI loop out port allows for cascading additional extenders or a local TV connection
- » Supports power over cable function POC. Only one power supply needed at the source. RX unit is powered by the Transmitter through the CAT5e/6 connection
- » 1x IR transmitter and 1x IR receiver included
- » Capacity for 1080p/60Hz HDMI1.3 to 50m.
- » 5V DC 1 Amp Power Supply included
- » Compact design for easy and flexible installation



HDMI Extender Splitter with 1x HDMI Loop Out and 3x Cat5e/6 55m Outputwith IR and PoC

34MM-2K50-3



- » Supports power over cable function POC. Only one power supply needed at the source. RX units powered by the splitter thru the CAT5e/6 connection
- » 1 x IR Transmitter and 3 x IR receiver included (one for each RX unit)
- » Capacity for 1080p/60Hz HDMI1.4 to 55m.
- » Threaded DC power port for secure power supply connection
- Compact design for an easy and flexible installation



50M HDMI Extender Over CAT6 HDMI 2.0 18Gbps HDCP 2.2

34MM-4K50



- HDMI loop out port allows for cascading additional extenders or local TV connection
- Supports copying of EDID signature from either the receiver display or loop out display.
- Supports remote IR control from extender to source using supplied IR accessories (compatible with Foxtel and MySky IR remotes)
- Supports power over cable function 'POC'. Only one power supply needed at source end.
- » HDMI 2.0 HDCP 2.2/HDCP 1.4 and DVI 1.0 compliant

HDMI 2.0 18Gbps Extender Splitter with 1x HDMI Loop Out and 4 x Cat6 Out 35m with IR and PoC

34MM-4K50

- » HDMI loop out port allows for cascading additional extender/splitters, or connecting a local TV.
- Supports 'power over cable' function POC. RX units powered by the Splitter thru the CAT6 connection
- » 1 x IR Transmitter and 4 x IR receiver included (one for each RX unit)
- » Capacity for 4K/60Hz HDMI2.0 (18Gbps) to 35m with CAT6.
- Digital audio extraction via S/PDIF RCA and analog audio extraction via 3.5mm socket











Digital Audio Extender Over CAT5e/6

34MM-DAF1

- » Transmission range: Up to 300m (990')
- » Accepts digital coax or optical Toslink
- » Supports Digital 5.1 (DTS, Dolby Digital, etc.)
- » High performance, zero signal loss with both outputs active from any input.
- » Data transmission rate: 12.8Mb/s
- » S/PDIF (digital coax): 96kHz performance

2 Way HDMI 2.0 Splitter with Built In Downscaler

34MM-HDS2

- » HDMI 2.0b, HDCP 2.2 compliant
- » Supports resolutions up to 4K2K@60Hz with 24bit RGB/YCBCR 4:4:4
- » EDID control with 8 settings and HDCP switch
- » Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- » Threaded DC power port for secure power supply connection
- » Compact design for an easy and flexible installation







4 Way HDMI 2.0 Splitter with Built In Downscaler

34MM-HDS4

- » HDMI 2.0b, HDCP 2.2 compliant
- » Supports resolutions up to 4K2K@60Hz with 24bit RGB/YCBCR 4:4:4
- » EDID control with 8 settings and HDCP switch
- » Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- » Threaded DC power port for secure power supply connection
- » Compact design for an easy and flexible installation







8 Way HDMI 2.0b 18Gbps Splitter

34MM-HDS8

- » Active 8 way HDMI splitter
- » HDMI 2.0b, HDCP 2.2 compliant
- » Supports resolutions up to 4K, 2K @ 60Hz with 24bit RGB/YCBCR 4:4:4
- » Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- » EDID control with 2 settings, Standard (1080p) mode and TV (copy EDID from Output 1) mode
- » Compact design for an easy and flexible installation











HDMI Audio Extractor with Repeater upto 15mtrs, 1080p, HDMI v1.4, HDCP v1.2

HDMI-AUDIOEXT

- » Retrieves audio embedded in the HDMI signal and converts into a digital optical or analog stereo for output to an external speaker or audio to your stereo amplifier
- HDMI v1.4 version features: ARC function, EDID management, IR over HDMI and HDMI v1.4, HDCP v1.2 compliant
- » Use for display devices without built-in speakers provide audio output solution
- » Provides audio to audio amplifier or other device without HDMI INPUT port or supplying Audio to a Sound Bar
- » Supports IR over HDMI, CEC function, 1080p@60Hz, 3D, HDMI audio sampling rates up to 192kHz, optical S / PDIF audio sampling rates up to 48kHz
- » Supports HDMI signal repeater function (upto 15mtrs)



HDMI Male to Female IR Inserter for HDMI- H Series Products HDMI-IRADP10

- » HDMI Female to Male Insertor Adapter for IR plug
- » Accurate and reliable reproduction of digital video signal, with no signal attenuation or distortion
- » Transport both audio and video signals
- » Works with HDMI-IRADP20 & HDMI-IRADP30



IR Transmitter/Sender for use with HDMI-IRADP10 (tx) and H Series Devices

HDMI-IRADP20

- » Single band IR Sender
- » Supporting 20-60kHz IR frequency
- » 1.5mtr IR cable
- » 3.5mm plug
- Works with HDMI-CAT5-30M, HDMI-CAT5-50M, HDMI-CAT5-50M-S, HDMI-CAT5-70M, HDMI-CAT5-100M, HDMI-SPLIT2H, HDMI-SPLIT4H, HDMI-SPLIT8H, HDMI-MATRIX2X4H, HDMI-MATX2X4H4K, HDMI-MATRIX4H, HDMI-MATRIX4X2H, HDMI-MATX4X2H4K, HDMI-SWI4R, HDMI-WIRE30H, HDMI-IRADP10 & HDMI-IRADP20



R Receiver for use with HDMI-IRADP10 (rx) and H Series Devices

HDMI-IRADP30

- » Single band IR Receiver
- » Supporting 20-60kHz IR frequency.
- » 1.5m IR cable
- » 3.5mm plug
- » 3-5mtr sensitivity (max 7mtr)
- Works with HDMI-CAT5-30M, HDMI-CAT5-50M, HDMI-CAT5-50M-S, HDMI-CAT5-70M, HDMI-CAT5-100M, HDMI-SPLIT2H, HDMI-SPLIT4H, HDMI-SPLIT8H, HDMI-MATRIX2X4H, HDMI-MATX2X4H4K, HDMI-MATRIX4H, HDMI-MATRIX4X2H, HDMI-MATX4X2H4K, HDMI-SWI4R, HDMI-WIRE30H, HDMI-IRADP10 & HDMI-IRADP20



HDMI Inline Cable Extender, 1080p, HDMI v1.4

HDMI-REPT1.4H

- » Extends the length of any HDMI cable by regenerating the HDMI signal before it outputs to the HDMI Displays
- » Clean out the digital noise (sparkles) in your displays
- » Maximum input upto 20mtrs; Maximum output upto 20mtrs over HDMI cables
- » No Power Supply required



HDMI Cable Tester (Transmitter & Receiver) 19 LED Tester

HDMI-TESTER3

- » 19-PIN continuity test for short/open circuit testing
- » Full 19-PIN display
- » Manual or auto test
- » Cable identifyer
- » Carry case



HDMI Male to HDMI Female 90deg Right Angled Adaptor (Down)

PLG764

» HDMI Male to HDMI Female 90deg Right Angled Adaptor (Down)



HDMI Male to HDMI Female 270deg Right Angled Adaptor (Up)

PLG766

» HDMI Male to HDMI Female 270deg Right Angled Adaptor (Up)



HDMI Female to HDMI Female Joiner Adaptor DX Range

SKT610

» HDMI Female to HDMI Female Joiner Adaptor DX Range

Notes



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IR

Product Catalogue



IR Receiver for 34MM-IRKIT

34MM-IR-RX

- » RJ45 connector
- » Bandwidth: 30~100kHz
- » 2m cable length and up to 10m reception range depending on local conditions
- » Active receiver
- » LED & Plasma friendly and works with most IR remote controls on the market



Dual IR Transmitter for 34MM-IRKIT

34MM-IR-TX

- » 2 x Dual infrared emitting diodes for 34MM-IRKIT
- » 3m cable with 3.5mm plug
- » Allows expansion to control extra sources
- » Control up to a maximum of 8 sources with 4 x dual emitters with the 34MM-IRKIT



IR Repeater USB Cable

34MM-IR04

- » Plug & Play USB powered IR extender cable
- » 1 x IR receiver with 3 x IR blaster into one USB powered cable for plug and play installation
- » Frequency bandwidth: 30~60KHz (Foxtel compatible)
- » 2.1m Length to easily pass through walls
- » IR receiver with LED activity indicator



IR Expansion Block 1x RJ45 Plug to 4x RJ45 Socket

34MM-IR4X

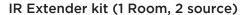
- » Simple plug and play to add up to 4 IR Receivers (34MM-IR-RX) allowing system control to other parts of the home.
- We Used to add up to 4 dual IR Transmitters (34MM-IR-TX) allowing additional components to be controlled in other parts of the home
- » Can be daisy chained together to increase number of connections as required (maximum 8x 34MM-IR-RX)
- Simple RJ45 connection allowing expansion block to be installed remotely to main control unit.



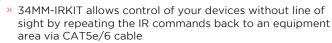
IR Extender Control Module with RJ45 RX/TX

34MM-IRCM

- » Includes 1 x screw connector for hard wiring multiple IR receivers and 1 x RJ45 IR Reciever port
- » Features 3 x 3.5mm IR-emitter output jacks and 1x RJ45 emitter extension port
- » Allows control over Cat5/6 cable to IR receivers up to 300mtrs
- » Power Requirements: 12V @ 1A with a 2.1x5.5x11mm (not included)



34MM-IRKIT

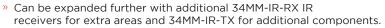


- Expandable to many locations with additional IR receivers (34MM-IR-RX) and IR emitters (34MM-IR-TX)
- Distribute over a CAT5e/6 structured cabling system with built in RJ45 TX and RX ports.
- Avoid unnecessary terminating by keeping the IR signal contained within the CAT5e/6 cabling framework.
- Use 34MM-IR4X to expand the RJ45 connectivity for both RX and TX distribution. Additional expansion can be achieved by daisy chaining multiple 34MM-IR4X's together.
- » Convert IR signal from CAT5e/6 back to 3.5mm port for IR Emitter use by adding 34MM-IRMJ



IR Extender Kit for 3 rooms

34MM-IRKIT-3



- » Wired IR for ultimate performance and reliability
- » Additional 34MM-IR4X units can be daisy chained many times to expand both the RX and TX functions.
- RJ45 RX/TX allow IR distribution over CAT5/6 Structured Cabling. Add 34MM-IRMJ to accommodate emitters in the source location.
- » MySky compatible
- Kit includes: 34MM-IRCM, 3x 34MM-IR-RX, 2x 34MM-IR-TX, 34MM-IR4X and SMPS12V1A-20R



Wireless IR Remote Control Extender Kit

34MM-IRKIT-W

- » Wireless IR Remote control Extender via RF
- » Allows control of audio/video equipment wireless through walls
- » RF Carrier Frequency 433.92MHz
- » Maximum range of 50m line of sight
- » Compact design for discrete installation
- » Control up to 3 separate sources using supplied IR Emitter



IR Adaptor 1x RJ45 Socket to 2x3.5mm Socket (Mini jack)

34MM-IRMJ

- » The 34MM-IRMJ allows the 34MM-IR-TX emitters to be installed remotely from the main control unit for greater flexibility
- » IR Adaptor for converting RJ45 IR Signal to 2x 3.5mm socket for IR Emitters
- RJ45 connectors allow for simple plug and play over a Cat5/6 structured cable network.
- » Can be multiplied by using 34MM-IR4X RJ45 expansion block (sold separately)



Additional Transmitter Extender for 34MM-IRKIT-W

34MM-IRTX-W

- » Can be added to 34MM-IRKIT-W for additional control locations
- » Allows control of audio/video equipment wireless through walls
- » RF Carrier Frequency 433.92MHz
- » Maximum range of 50m line of sight
- » Compact design for discrete installation



Quad IR Extender CAT5 EZI Install Socket

IRSFND54

- » Quad RJ45 Terminated Socket
- » Replaces 4 Wire Terminal Block



IR Extender Receiver Module (IRP-30990327W) Wall Plate - White

IRSEND64

- » Screw terminal connections
- » Infrared frequency bandwidth: 30~100KHz
- » Reception range: up to 10mtrs depending on local conditions
- » Plasma friendly and works with most remote controls on the market
- » Flashing blue LED light confirms IR signal reception
- » Use cat5/cat6 cable to connect to control module up to 300mtrs



IR Extender Receiver Module (IRT-309910L00) Thru Hole Form

IRSEND69

- » RJ45 3-conductor cable, terminated on EIA/TIA-568B plug
- » Accommodates for GND, IR & VDC connections and infrared modulation frequency bandwidth: 30~100kHz
- » Reception range: up to 10mtrs depending on local conditions
- » Dimensions: 1/2" diameter x 2" deep
- » Works with most remote controls on the market
- » Use Cat5/Cat6 cable to connect to control module up to 300mtrs

Notes



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Satellites Equipment

Product Catalogue













Satellite Mount Base Only

13MM-CLEVISBR1

- » Base has a series of holes to assist in locating the correct mounting points on the roof or wall
- » It also has horizontal and vertical tags for the desired orientation of the pole

DiSEqC Switch 4 Way

13MM-DISQ4

- » Allow 4 satellite feeds to be received by 1 receiver
- » Waterproof housing
- » Easy setup
- » F connections

Satellite LNB 10.7GHz

13MM-KF04

- » Compatible with Freeview & SKY
- » Single Output
- » 10750GHz Local Oscillator
- » Reception Frequency 12.25-12.75 GHz
- » 0.5dB noise
- » 60dB Gain

Satellite LNB 11.30 LO

13MM-KF04A

- » Compatible with Freeview & SKY
- » Single Output
- » 11300GHz Local Oscillator
- » Reception Frequency 12.25-12.75 GHz
- » 0.5dB noise
- » 60dB Gain

LNB Horizontal/Vertical Stacked 10750/11300 LO

13MM-KF15

- » Allows the receiving of the horizontal polarity and vertical polarity on one coaxial cable
- » Compatible with MDS™, DDA and MST Matchmaster solutions
- » Input: 12.25 12.75GHz
- » Output: 950 2150MHz
- » Gain: 65dB, Noise: 0.6dB

Dual LNB Holder

13MM-KFDO

- » Twin LNB bracket
- » Allows for a second LNB to be connected to dish
- » First LNB Optus D1 (FreeView / SKY)
- » Second LNB Optus D2
- » Independently adjustable
- » Easy fit



Satellite Dish with LNB Adaptor compatible with FreeView Satellite and SKY TV

13MM-R63ALU

- » Twin LNB bracket
- » Allows for a second LNB to be connected to dish
- » First LNB Optus D1 (FreeView / SKY)
- » Second LNB Optus D2
- » Independently adjustable
- » Easy fit



65cm Satellite Dish (Single Pack)

13MM-R65P

- » Heavy gauge galvanized steel and a superior rolled edge for added strength and durability
- » Grey powder coating
- » Rolled edges for greater strength
- » Quality fittings
- » Easy to assemble



65cm Satellite Dish with 10.75 LO LNB

13MM-R65P-K

- » Heavy gauge galvanized steel and a superior rolled edge for added strength and durability
- » Grey powder coating
- » Rolled edges for greater strength
- » Quality fittings
- » Easy to assemble
- » Dish and LNB Kit



65cm Satellite Dish with 11.30 LO LNB

13MM-R65P-K2

- » Heavy gauge galvanized steel and a superior rolled edge for added strength and durability
- » Grey powder coating
- » Rolled edges for greater strength
- » Quality fittings
- » Easy to assemble
- » Dish and LNB Kit



65cm Satellite Dish with 10.75 LO LNB and SM01 Wall Mount

13MM-R65P-K4

- » Heavy gauge galvanized steel and a superior rolled edge for added strength and durability
- » Grey powder coating
- » Rolled edges for greater strength
- » Quality fittings
- » Easy to assemble
- » Dish, LNB and Mount Kit





Satellite Dish 80cm

13MM-R80P

- » Heavy Duty
- » KU Band
- » High Gain
- » VAST Reception
- » Rolled Edges for added strength



80cm Satellite Dish with 10.75 LO LNB

13MM-R80P-K

- » Heavy gauge galvanized steel and a superior rolled edge for added strength and durability
- » Grey powder coating
- » Rolled edges for greater strength
- » Quality fittings
- » Easy to assemble
- » Dish and LNB Kit



80cm Satellite Dish with 11.30 LO LNB

13MM-R80P-K2

- » Heavy gauge galvanized steel and a superior rolled edge for added strength and durability
- » Grey powder coating
- » Rolled edges for greater strength
- » Quality fittings
- » Easy to assemble
- » Dish and LNB Kit



Satellite Finder

13MM-SF95

- » Designed to ensure that you position and angle your digital satellite in the correct direction for best reception
- » Suitable for the home, caravan, boating and leisure enthusiast
- » Needle and adjustment allows correct adjustment of dish
- » Easy to use, compact design



Satellite Wall Mount - Small

13MM-SBS12

- » Up to 65CM dish
- » Mast + adjustable foot



Satellite Roof Mount - Stays + 550mm Mast

13MM-SM04-G

- » Mast 550mm (45mm diameter)
- » Adjustable Stay 1 x 700-1300mm
- » Adjustable Stay 1 x 500- 900mm
- » Base (CLEVISBR1)
- » Bolt kit
- » SKY approved



Satellite Roof Mount - Stays + 800mm Mast

13MM-SM04HD

- » Mast 800mm
- » Adjustable Stays 2 x 700-1300mm
- » Base (CLEVISBR1)
- » Bolt kit



Satellite Roof Mount - Stays + 1100mm Mast

13MM-SM04LM

- » Mast 1100mm
- » Adjustable Stays 2 x 700-1300mm
- » Base (CLEVISBR1)
- » Bolt kit



Satellite Wall Mount Support

13MM-SM06

- » Heavy Base plate
- » Compact Size
- » Hot dipped galvanised



Satellite Mount Under Eave

13MM-SM08

- » Adjust Stays 2 x 700mm
- » Base (13MM-CLEVISBR1)
- » Bolt kit
- » Mast 1.6mm thick pre-galv steel (45mm diameter)



Satellite Wall Mount 60-85cm

13MM-SM09

- » Fixed stay
- » Pre-galv 32 diameter
- » Bolt kit



Satellite Wall Mount Professional

13MM-SM09P

- » Mast 800mm
- » Adjustable Stay 1 x 500mm
- » Adjustable Stay 1 x 200mm (approx)
- » Base (CLEVISBR1)
- » Bolt kit



Satellite Roof Mount - 1m Dish

13MM-SM12

- » Heavy Duty
- » Adjustable Stays 2 x 800-1300mm
- » Mast 62.0mm diameter
- » Stays 25.4mm diameter
- » Base super heavy duty







Satellite Mount - Roof Pelmet for Large Dishes 13MM-SM12P

- » Hot dipped galvanised
- » Heavy duty mast, 1000mm height, 60mm diameter
- » Heavy duty pre-drilled angle iron brackets
- » Used with the SMC100 satellite dish

SMC Fibreglass Satellite Dish 100cm

13MM-SMC100

- » High Gain
- » Corrosion resistant
- » Ideal for coastal and icy environments
- » Commercial Projects
- » European made
- » Also available in 80cm (13MM-SMC80)

SMC Fibreglass Satellite Dish 80cm

13MM-SMC80

- » High Gain
- » Corrosion resistant
- » Ideal for coastal and icy environments
- » Commercial Projects
- » European made
- » Also available in 100cm (13MM-SMC100)

Notes



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Multiswitch Systems

Product Catalogue



10MM-MST308

- » Hub friendly
- » 2 x satellite inputs, 1 x terrestrial input (UHF/FM), backfeed and 8 outputs
- » LNB and masthead amplifier powering
- » 4G/5G TLE filtered
- » Power supply and push rivets for securing into hub included
- » Kiwi ingenuity





Multiswitch 2 x SAT, 1 x TER, 1 x Backfeed, 19" Rack Mount

10MM-MST316-19

- » Inputs: 2 x Satellite, 1 x Terrestrial, 1 x Backfeed (SAT1 and TER switchable SEP/COMB)
- » Frequency 47-2150MHz
- » Electrostatic protection
- » LNB and Masthead amplifier powering
- » Power supply included
- » Compatible with MST, DDA and MDS, Hub friendly





Terminator -75 Ohm DC Blocking

21MM-DV25

- » Nickel plated brass
- » Used on MDS™



4-Way MDS Apartment Switch (Includes Power Supply)

21MM-MDS-A-4SWITCH

- » 2 inputs from MDS™ System switch + Backfeed for internal distribution
- » allows connection of up to 3 outlets, 1 main + 2 slaves
- » Supplied with power pack for local powering
- » Power LED to indicate power present
- » Comes complete with comprehensive labelling system



1-Way MDS Tap

- » Low losses
- » DC pass through SAT1/TER trunk lines; switchable DC pass to isolate "TAP" line
- » Power LED to indicate power present
- » Comes complete with comprehensive labelling system and "quick connection" system
- » Supplied With 2 x 21MM-DV49 Quick Joiner

Product Code	dB
21MM-MDS-10-4SWITCH	10dB
21MM-MDS-15-4SWITCH	15dB
21MM-MDS-20-4SWITCH	6.1m





2-Way MDS Splitter

- » Low losses
- » DC pass through SAT1/TER trunk lines; switchable DC pass to isolate "TAP" line
- » Power LED to indicate power present
- » Comes complete with comprehensive labelling system and "quick connection" system



4-Way MDS Splitter

21MM-MDS-S-4SPLIT

- » DC pass through SAT1/TER trunk lines; switchable DC pass to isolate "TAP" line
- » Power LED to indicate power present
- » Comes complete with comprehensive labelling system and "quick connection" system



8-Way MDS System Switch

21MM-MDS-S-8SWITCH

- » Receives power and RF from MDS™ system or can be local powered if used as "stand-alone"
- DC pass through SAT1/TER trunk lines; switchable DC pass to isolate "TAP" line
- » Power LED to indicate power present
- » Individual adjustments for SAT1, SAT2 & TER
- » Comes complete with comprehensive labelling system



3x2 MDS Amplifier, Wall Mount

21MM-MDS-S-AMP

- » Amplifiers 2 polarities of satellite & terrestrial in one device, whilst providing power to the LNB and system components
- Cascadable with MDS™ cable components and can line power up to 12 MDS™ Multiswitch's
- Easy signal level controlled with attenuation on each satellite and terrestrial signal
- » Output to feed into MDS™ 2/4SPLIT for pre-set trunk design
- » Wall friendly
- » See MDS™ guidelines, template and easy setup documents



32 Way MDS System Switch

21MM-MDS1-32SW

- » Receives power and RF from MDS^{TM} system or can be local powered if used as "stand-alone"
- » DC pass through SAT1/TER trunk lines; switchable DC pass to isolate "TAP" line
- » Power LED to indicate power present
- » Individual adjustments for SAT1, SAT2 & TER
- » Comes complete with comprehensive labelling system
- » Staggered output levels, 1-16 full output, 17-32 2dB less



Multiswitch 3 x 16 with Backfeed (Hub and Wall Friendly)

30MM-MST316

- » Inputs: 2 x Satellite, 1 x Terrestrial, 1 x Backfeed (SAT1 and TER switchable SEP/COMB)
- » Frequency 47-2150MHz
- » Electrostatic protection
- » LNB and Masthead amplifier powering
- » Power supply included
- » Compatible with MST, DDA and MDS, Hub friendly



Notes



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Fibre Optics

Product Catalogue

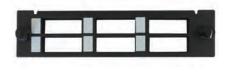
















Fibre SC-APC To SC-APC Duplex 0.5m 20MM-FPI D05

- » 1 Required PER MO418/428
- » Used with Terra Fibre TX and Optical splitters

Fibre Patchlead, Simplex SC/APC-SC/APC 1M (MO418/428L to Splitter)

20MM-FPLS1

- » Fibre Patch lead SC/APC SC/APC 1M
- » Patching from MO4** Terra fibre transmitter to SO/OSP splitters

Fibre Patchlead, Simplex FC/APC-SC/APC 1M (MO001 to Splitter)

20MM-FPLS21

- » Fibre Patch lead FC/APC SC/APC 1M
- » Patching from MO001 Terra fibre transmitter to SO/OSP splitters
- » Patching from SC/APC to OD007 optical node

Fibre Patchlead, Simplex LC/APC-FC/APC 0.5M

20MM-FPLS305

- » Fibre Patch lead LC/APC FC/APC 0.5M
- » Patching from LC/APC panel to FC/APC OD007/MO001

Blanking Plate for 20MM-FPP3P

20MM-FPP-B-BLANK

» Blocks the unused slot for the 20MM-FPP3P to prevent dust

6-Port-Plate for 20MM-FPP3P

20MM-FPP-SCD6

- » 6-port plate used with FPP3P and Bulk-head adaptor SC/APC-SC/APC
- » Removable for ease of termination

19"-1RU Fibre Patch-3-Slot (up to 36 Connections)

20MM-FPP3P-SHELF

- » Used to make up rack friendly optical splitters
- » Fibre management
- » Adjustable rack depth

Fibre EDFA 12.5dBm 2 Output, 32 Nodes

20MM-HA51162

- » Produces 16dBm of power
- » Used with a 16-way optical splitter in Analogue/Digital system
- » Used with a 32-way optical splitter in a digital only system



Fibre EDFA 2 x 16dBm Output, 1RU Dual Power Supply with SNMP (128 Nodes)

20MM-HA5420A-02

- » Fibre EDFA
- » 2 x 16dBm outputs, 128 nodes
- » 1RU 19" rack mount
- » Dual power supplies
- » SNMP server



Fibre EDFA 4 x 12.5dBm Output, 1RU Dual Power Supply with SNMP (128 Nodes)

20MM-HA5420A-04

- » Fibre EDFA
- » 4 x 12.5dBm outputs, 128 nodes
- » 1RU 19" rack mount
- » Dual power supplies
- » SNMP server



Fibre EDFA 4 x 16dBm Output, 1RU Dual Power Supply with SNMP (256 Nodes)

20MM-HA5423A-04

- » Fibre EDFA
- » 4 x 16dBm outputs, 256 nodes
- » 1RU 19" rack mount
- » Dual power supplies
- » SNMP server



Fibre EDFA 8 x 16dBm Output, 1RU Dual Power Supply with SNMP (512 Nodes)

20MM-HA5427A-08

- » Fibre EDFA
- » 8 x 16dBm outputs, 512 nodes
- » 1RU 19" rack mount
- » Dual power supplies
- » SNMP server



Fibre EDFA 16 x 16dBm Output, 1RU Dual Power Supply with SNMP (1024 Nodes)

20MM-HA5430A-16

- » Fibre EDFA
- » 16 x 16dBm outputs, 1024 nodes
- » 1RU 19" rack mount
- » Dual power supplies
- » SNMP server



Fibre EDFA 32 x 16dBm Output, 1RU Dual Power Supply with SNMP (2048 Nodes)

20MM-HA5434A-32

- » Fibre EDFA
- » 32 x 16dBm outputs, 2048 nodes
- » 1RU 19" rack mount
- » Dual power supplies
- » SNMP server





20MM-M0001

- » Compact Fibre Optic Transmitter 47-2400MHz, 1310nM 6dBm
- » SAT and DTT inputs with DC by pass for remote feeding
- » LED indication of input signal level and laser diode aging
- » RF test output / DTT input port
- » Robust die-cast housing
- » Optical output FC/APC



Terr/SAT Fibre Receiver

20MM-OD004A

- » Very compact optical receivers for cost sensitive installations with extended frequency range 2400MHz
- » Electronic setting of all parameters
- » AGC based on optical input level
- » Digital indication of optical input level and other parameters
- » Connectors: RF output type F, optical SC/APC
- » Mains powered or IO-20VDC powering through RF output



Fibre Mini Receiver 75dBµV Output 10-20VDC Powering

20MM-OD007

- » Compact Fibre Optic node 47-2400MHz
- » AGC based on RF input signal level
- » LED indication of RF signal level
- » Robust die-cast housing
- » DC powered via RF output, 10-20VDC
- » Optical input FC/APC



Terra mini Fibre Receiver 70dBuV output with dual SC/APC connectors 47-2400MHZ with built in WDM

20MM-OD007H

- » Wide band mini Fibre Receiver for single wire Pay and FTA systems - 47-2400MHz
- » 70dBuV output per carrier
- » AGC based on RF signal output level
- » Robust die-cast housing providing high level screening
- » Can be powered either by RF output F-Connector or by local 3.5/1.3 mm DC jack (power supply sold seperately) with 10-20V DC operating range
- » LED indication of RF level



SC/APC Chassis Joiner x 2, 6 Per SCD6 Plate

20MM-SC/APC-SC/APC

- » Used in FPP-SCD6
- » Dust caps front and back
- » Individually packed



- » Attenuator SCA single mode male to female 3dB, 5dB and 10dB
- » Optical attenuators offer complete flexibility to correct power levels in your network
- » High quality
- » Metal assembly
- » Complete with dust caps for protection of interfaces

Product Code	Product Description
20MM-OAF3	Attenuator SC Single Mode Male to Female 3dBm
20MM-OAF5	Attenuator SC Single Mode Male to Female 5dBm
20MM-OAF10	Attenuator SC Single Mode Male to Female 10dBm



Optical Splitters

- » Low insertion loss
- » High directivity
- » Good stability and reliability
- » Excellent polarization insensitivity
- » Operating wavelength: 1310nm or 1550nm



Product Code	Product Description
20MM-OSP2	2 Way Optical Splitter (Stand Alone)
20MM-OSP4	4 Way Optical Splitter (Stand Alone)
20MM-OSP-1*6-S-SC	6 Way Optical Splitter (Stand Alone)
20MM-OSP8	8 Way Optical Splitter (Stand Alone)
20MM-OSP16	16 Way Optical Splitter (Stand Alone)
20MM-OSP-1*2-19NZ	2 Way 1-RU-19" Optical Splitter (Rack-Mount)
20MM-OSP-1*4-19NZ	4 Way 1-RU-19" Optical Split- ter (Rack-Mount)
20MM-OSP-1*6-19NZ	6 Way 1-RU-19" Optical Splitter (Rack-Mount)
20MM-OSP-1*8-19NZ	8 Way 1-RU-19" Optical Splitter (Rack-Mount)
20MM-OSP-1*12-19NZ	12 Way 1-RU-19" Optical Splitter (Rack-Mount)
20MM-OSP-1*16-19NZ	16 Way 1-RU-19" Optical Splitter (Rack-Mount)
20MM-OSP-1*32-19NZ	32 Way 1-RU-19" Optical Splitter (Rack-Mount)



Optical Splitters (Module)

- AT series optical splitters offer a range of configurations with single and twin inputs and outputs
- » Uses the industry standard connector SC/APC for optical connection
- » Mounts on the AT series 1RU frame
- » Compact design for low density use of rack space

Product Code	Product Description
20MM-SO414	Optical Splitter Module 1x4 with 7dB Insertion Loss
20MM-SO418	Optical Splitter Module 1x8 with 10dB Insertion Loss
20MM-SO424	Optical Splitter Module Twin 1x4 with 7dB Insertion Loss Per Split



Optical TX SMATV

- This unit offers high power output at 6dBm (10dBm for 20MM-M0428L-4D55-1550) extending your design reach can be ordered as 1310nm to 1550nm wavelength
- » LAN control offers WEB monitoring and management of the device
- » Uses the industry standard connector SC/APC for optical connection
- » LAN control connector is the RJ45 industry standard connector
- » Mounts on the Terra AT series 19" IRU frame
- » Complimenting these units are the fully redundant power supplies, UP412 and UP413

Product Code	Product Description
20MM-MO418L-	Optical TX SMATV 1550nm
4D55-1550	Single 6dBm
20MM-M0428L-	Optical TX SMATV 1550nm
4D55-1550	Twin 6dBm

Notes



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DigiHUB

Product Catalogue







Satellite Multiswitch 3 x 8

10MM-MST308

- » Hub friendly
- » 2 x satellite inputs, 1 x terrestrial input (UHF/FM), backfeed and 8 outputs
- » LNB and masthead amplifier powering
- » 4G/5G TLE filtered
- » Power supply and push rivets for securing into hub included
- » Kiwi ingenuity.



Multiswitch 3 x 16 with Backfeed (Hub and Wall Friendly)

30MM-MST316

- » Inputs: 2 x Satellite, 1 x Terrestrial, 1 x Backfeed (SAT1 and TER switchable SEP/COMB)
- » Frequency 47-2150MHz
- » Electrostatic protection
- » LNB and Masthead amplifier powering
- » Power supply included
- » Compatible with MST, DDA and MDS, Hub friendly

Notes



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Headend Equipment

Product Catalogue



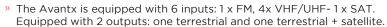
Quad Single-Channel Amplifier, AGC plus SAW Filter In and Out

14MM-AT440

- » TV channel amplifiers tunable in UHF range
- » SAW filters provide a high selectivity processing of digital and analog channels
- » Integrated LTE signal suppression filter
- » Each section has a built-in AGC system and an independent regulator of output level
- built-in indicators and push buttons allow operatively to set required parameters
- » DC feeding for preamplifiers through RF input

Quad Single-Channel Amplifier, AGC plus SAW Filter In and Out

14MM-AVANTX



- » Auto-programming: The amplifier self-scans the VHF/UHF inputs to find the best DVB-T/T2 channel, so it can automatically allocate each multiplex to a filter in the most optimum way.
- » Very easy configuration and adjustment using a suite application for Android or Windows with the ability to save an installation PDF report with settings and measurements.
- » Up to 32 individually programmable filters: Single channel digital filtering, even for adjacent channels (1 to 4 channels) with digital processing to allow output frequency shifting.
- » AutoLTE: Automatic internal adaptation of filters, depending on the LTE signal type (4G/5G)
- » 3 Year Warranty



Female to Female Quick Coaxial Bridge, 36mm

14MM-CB420

- » Coaxial bridge designed specifically for the AT series modules
- » Excellent RF shielding
- » Industry standard F connector
- » Rigid solid material
- » Used to daisy chain modules



RF Bridge for Multichannel Modules, 48.5mm (14MM-MDX420/AT440)

14MM-CB420L

- » Coaxial bridge designed specifically for the AT series modules
- » Excellent RF shielding
- » Industry standard F connector
- » Rigid solid material
- » Used to daisy chain modules

14MM-DD12HD-R



- » 19" 1 RU Rack mount
- » Commercial quality
- » 3 HDMI streams encoded onto 4 RF MUX's

12x HDMI Inputs to COFDM Output

- » Programmed through LAN, Wi-fi and Wi-Fi to app on Android or iPhone device
- » 3 year warranty





DIN Rail Mounting Clip

14MM-DIN1

- » Solid construction
- » Comes complete with 2 screw sizes
- » Works with any product
- » Smart simple design



Multi-Channel Headend Multiband Amplifier

14MM-MA400

- » Total flexibility with this multiband amplifier offering FM, VHF and UHF amplification
- » High-level output
- » Separate manual gain controls for each band
- » Switchable attenuation for each band
- » Loop input and output with F connection



Multi-Channel Twin AV to DVB-T Modulator

14MM-MDX420

- » AT series family DVBT twin modulators totally agile and independent channels
- » AV composite to DVB-T COFDM modulator
- » Programmable twin modulators
- » Rack mountable system
- » Loop input and output with F connection



19" System Rack Mountable

14MM-MR19-420

- » AT series 19" rack mount solution offers total flexibility for your headend needs
- » Coated steel to minimise corrosion
- » All items to mount directly into 19" rack
- » Capacity for several modules
- » Recessed for racking system permitting rack door closure



Twin Modulator 7-8MHz Selectable Stereo

14MM-MT420C

- » Modulating analogue video/audio signals into VSB RF channel with mono or stereo A2 sound
- » Frequency agile vestigial sideband TV modulators
- » LED display and push buttons control of internal microprocessor
- » RF output level and audio input level loop through RF combining low level harmonics and intermodulation products
- » Built-in test pattern generator



MicroUSB-B to USB-C OTG Patchcord

14MM-OTG1

» MicroUSB-B male to USC-C male connection patchcord, 1m long. It allows connections between AVANT programmable amplifiers and an Android mobile device, for its use with ASuite app. The patchcord incorporates the OTG (On-The-Go) protocol, which allows its use without any additional special adapter or connector.











Twin DVB-S/S2 to DVB-T CI Transmodulator

14MM-TDX420C

- » Converting of 2 DVB-S/S2 modulated input signals into 2 COFDM modulated DVB-T channels.
- » 2 x Common Interface slots
- » 2 x Transponders to either CAM and either multiplex
- » TS monitoring via Web interface
- » Web control and SNMP monitoring
- » Din rail mounting

Transmodulator 8 SAT to 4 COFDM

14MM-TDX440

- » Compact robust design
- » Intergrated 2x8 multiswitch allowing the TDX440 to look at 2 satellites independently and select streams from up to 8 transponders
- » The TDX440 allows SD and HD FTA streams to be selected and up to 4 DVBT mux's can be used.
- » The TDX440 can be monitored using SNMP and has web-based-control through the front LAN port
- » The TDX440 is the same modular design as all of the Terra DIN rail series

DIN Rail Multi-Channel Power Supply

14MM-UP410S

- » 12V 4.5 Amp
- » AT series headend modular power supply with integrated RF combiner
- » Switch mode technology
- » Short circuit and overload protected
- » DIN rail or wall mounting, robust die-cast housing
- » Screw terminal block for DC output power distribution bus

DIN Rail Power Supply with Parallel Capability

14MM-UP413

- » 12V 4.5 Amp
- » AT series headend modular power supply with integrated RF combiner
- » Switch mode technology
- » Short circuit and overload protected
- » DIN rail or wall mounting, robust die-cast housing
- » Screw terminal block for DC output power distribution bus

TERRA Power Supply for Self Monitoring

20MM-UP412

- » Modular reception system power supply with parallel capability and self monitoring via LAN
- » Can be used in parallel for redundancy
- » Switch mode technology
- » Short circuit protected
- » Screw terminal block for DC output power distribution bus
- » Din rail mounting

Notes



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CCTV Surveillance

Product Catalogue



Seagate Surveillance 4TB Internal Hard Drive -5900 RPM 64MB Cache SATA 6Gb/s 3.5"

50MM-A004

- » The industry's first surveillance-optimised hard drive precision-tuned for high write surveillance workloads operating 24x7
- » 4TB video storage solution up to 480 hours of HD video
- » Engineered for workloads of 180TB/year, three times that of desktop drives
- » Low power consumption and start-up current to minimise heat and vibration emission, improving long-term drive reliability
- Tarnish-resistant components to help protect drive from environmental elements, increasing field reliability
- » Best-in-class acoustic performance means virtually silent operation



5MP HD Dome IP PoE Camera IP65 3.6mm Fixed Lens

50MM-CD001

- » ONVIF 17.06 compatible for simple communication and mobile viewing
- » 5MP resolution 2592 x 1944 at 15 frames per second or 4MP at 25 frames per second
- » Fixed 3.6mm lens with a 1/2.8" Sony IMX335 Low light CMOS sensor
- » 3pcs 28µ Array IR Led, IR distance 30-35m
- » Supports RTSP/FTP/DHCP/DDNS/NTP/SMTP/NFS protocols
- » Supports H.265/H.264 video standards



5MP HD Dome IP PoE Camera IP66 2.8-12mm Varifocal lens IK10 Vandal Rated

50MM-CD005

- » ONVIF 17.06 compatible for simple communication and mobile viewing
- » 5MP resolution 2592x1944 at 15 frames per second or 4MP at 25 frames
- » Varifocal 2.8mm to 12mm with a 1/2.8" Sony IMX335 Low light CMOS sensor
- » 24 Array IR Leds allowing 30-40m IR range
- » Supports RTSP/FTP/DHCP/DDNS/NTP/SMTP/NFS protocols
- » Supports H.265/H.264 video standards



PoE HD Security NVR Dome Kit

50MM-KD001

- » Kit includes four PoE dome cameras with 5MP high definition resolution and 3.6mm fixed lenses providing detailed snapshots and crisp video
- » Cameras weather-resistant rated to IP65 for indoor and outdoor use
- » Receive notifications and save snapshots and video clips to your smart phone, tablet and desktop
- » IR night vision to capture video up to 35M to protect your property 24 hours a day
- The PoE NVR comes with 2TB onboard storage with FTP support for off site backup. Save your video clips or snapshots on local external storage with two USB ports on NVR



4/5MP HD Dome IP Camera LAN POE IP66 3.6mm Lens 2592x1944 Res

50MM-LD5MPFLIR35

- » ONVF industry standard support mobile viewing
- » 4 mega pixel HD resolution 2592x1944 20/30 FPS 15FPS @ 5MP
- » POE LAN connection
- » Ingress protection rating IP66
- » IR distance 20-35M
- » 3.6mm lens



50MM-LN8CH2TB4D

- » Complete project starter pack for CCTV surveillance monitoring day and night vision
- » NVR complete with 2TB storage
- » POE wired CCTV solution offering NVR powered cameras
- » IP digital system for intelligent analysis
- » NVR has built in 8 channel switch capacity
- » 4 x HD CCTV dome cameras with 4/5MP 1080P fixed focus 3.6mm lens with 25metre Infrared night vision

Note: local area network viewing is currently compatible with Windows Firefox ESR (32-bit) and Internet Explorer 11 (64-bit)



Wi-Fi Video Doorbell with Smart Device Access

50MM-WD01

- » Built in Wi-Fi and pairing to smart devices
- » Remote unlocking door access* and indoor door chime unit
- » Remote video recording and picture capture via the MM SmartView app
- » iOS and Android compatible
- » 1.3MP camera with night vision, motion detection and IP55 rated
- Remote duplex video and audio
 - Access control device sold separately. 3 x AA Batteries required for door chime unit.



Wi-Fi Video Doorbell with Colour Monitor and Smart **Device Access**

50MM-WD02

- » 7" Indoor colour monitor offering both audio and colour video with access control of E-locks*
- » Outdoor unit IP44 rated. Recessed design in neutral dark grey colour scheme
- » Recessed design of outdoor unit allows for streamline installation
- » IR night vision incorporated with auto switching
- » Wide angled coloured CMOS camera
- » All mounting hardware and brackets supplied and bundled with power supply Access control device sold separately.



Wi-Fi Video Doorbell with Colour Monitor and Smart **Device Access**

50MM-WD03

- » 7" Indoor colour monitor offering both audio and colour video with access control of E-locks*
- Outdoor unit IP44 rated. Surface mount design with protective hood
- Brushed Aluminium surface mount design outdoor unit allows for streamline installation
- » IR night vision incorporated with auto switching
- » Wide angled coloured CMOS camera
- » All mounting hardware and brackets supplied and bundled with power supply * Access control device sold separately.



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Test Equipment

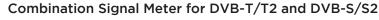
Product Catalogue



Digital TV Signal Finder

12MM-DF02

- » Designed to ensure that you position and angle your digital TV antenna in the correct direction for best reception
- » Suitable for the home, caravan, boating and leisure enthusiast
- » Provides LED lights to show signal strength for antenna adjustment
- » Easy to use, compact design
- » Includes 9V battery



12MM-DSTM1

- » DVB-T/T2 and DVB-S/S2 measurements
- » AV input and output suitable for testing and aligning CCTV cameras
- » Built in DC voltage insertion for powering amplifiers and satellite LNB's
- » HD 5" TFT LCD screen with MPEG2/4 digital tuner built in with HDMI output of content
- » USB 2.0 for software updates and media playback
- » Large lithium battery capacity of 4000mAh





Televes H30EVOLUTION DVBS/S2 + DVBT/T2 with Wi-Fi & IPTV option

12MM-H30EVO

- » Measures DVB-S/S2 + DVB-T/T2
- » Wi-Fi and IPTV Analyzer can be added with purchase of separate licenses.
- » Multiscreen and remote control through Android/IOS/PC using Wi-fi or Bluetooth allowing remote monitoring, wireless control and channel editing
- » Guided Satellite Pointing allowing for quick and accurate dish pointing
- » Wideband satellite measurements to 2400MHz to suit stacked signals in dSCR and dCSS systems
- » Included as standard all the great features and ease of use of the H30 range



Signal Meter with DVB-T and DVB-S/S2

12MM-H30FLEX

- » Compact hand held DVB signal analyser
- » Default DVB-T and DVB-S/S2 as standard
- » Additional Licenses to unlock extra standards DVB-C, T2 and dCSS/SCR functionality
- » Spectrum analyser and built in tuner to view live channels
- » DVB-T powering for masthead amplifiers
- » Optional Licenses: 12MM-T2-LIC License to activate DVB-T2 function, 12MM-DCSS-LIC - License to activate dCSS & SCR function and 12MM-C-LIC - License to activate DVB-C function



12MM-MOSAIQ6/6-SF Soft Carry Bag

12MM-M6-BAG

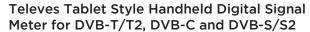
- » Soft carry bag for MOSAIQ6/6-SF to allow for meter protection and storage
- Features extra storage compartments for spare batteries and other accessories
- » Multi length adjustable strap for ease of use
- » Durable design
- » Bag dimensions 345 x 275 x 150mm



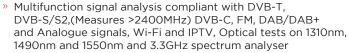
12MM-MOSAIQ6/6-SF Field Swappable Battery

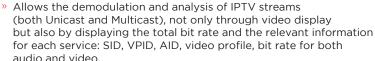
12MM-M6-BATTERY

- » Keep your MOSAIQ6/6-SF operating with a spare charged battery
- » Lithium Ion (7.2 VDC, 9,000 mAh) swappable in the field
- Standalone charging so the battery can be charged separate to the meter to allow for continuous use
- High quality with factory charge cycle providing up to 4hrs field operation
- » Genuine manufacturer replacement battery



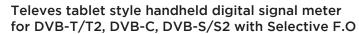
12MM-MOSAIQ6





- » Ultra fast data logging for all DVB-T/T2, DVB-S/S2 and DVB-C meaning less time spent by a technician in commissioning a system. Li-ion (7.2 VDC, 9,000 mAh) easily swappable in the field for long
- » Featuring multiple interfaces Ethernet, USB, HDMI, audio output (Jack), FC/APC optical fibre connector, GPS antenna connector.
- 8" TFT touch screen allowing full customisation of multiscreen display and layout of measurement windows
- » Professional spectrum analyser with ultra-fast digital processing (sweep time < 10 ms) and high dynamic range (> 50 dB). Equipped with advanced functions for the detection and analysis of signals in the 5 MHz to 3,300 MHz (waterfall, event triggers, markers, user configurable RBW and VBW, etc.).





12MM-MOSAIQ6-SF

- » Multifunction signal analysis compliant with DVB-T, DVB-S/S2,(Measures >2400MHz) DVB-C, FM, DAB/DAB+ and Analogue signals, Wi-Fi and IPTV, Selective Fibre Optical tests on 1310nm, 1490nm and 1550nm and 3.3GHz spectrum analyser
- » Allows the demodulation and analysis of IPTV streams (both Unicast and Multicast), not only through video display but also by displaying the total bit rate and the relevant information for each service: SID, VPID, AID, video profile, bit rate for both audio and video
- » Ultra fast data logging for all DVB-T/T2, DVB-S/S2 and DVB-C meaning less time spent by a technician in commissioning a system. Li-ion (7.2 VDC, 9,000 mAh) easily swappable in the field for long lasting operation.
- » Featuring multiple interfaces Ethernet, USB, HDMI, audio output (Jack), FC/APC optical fibre connector, GPS antenna connector.
- » 8" TFT touch screen allowing full customisation of multiscreen display and layout of measurement windows
- » Professional spectrum analyser with ultra-fast digital processing (sweep time < 10 ms) and high dynamic range (> 50 dB). Equipped with advanced functions for the detection and analysis of signals in the 5 MHz to 3,300 MHz (waterfall, event triggers, markers, user configurable RBW and VBW, etc.).

Televes tablet style handheld digital signal meter for DVB-T/T2, DVB-C, DVB-S/S2 with Selective F.O

12MM-MOSAIQ6/6-SF Software Licenses

- » Individual software unlocking facilitates the application-specific product activation. You only pay for what you use providing absolute flexibility for signal processing.
- » 12MM-M6-4K allows signal display with 4K resolution (3,840 x 2,160) and supports the new H.265 HEVC video compression format.
- » 12MM-M6-ANALOG allows the measuring of signal levels between 20 dBµV and 128 dBµV, C/N up to 30 dB, and V/A up to 52 dB.
- » 12MM-M6-DAB allows power measuring between 20 dBµV and 128 dB μ V, standard C/N and MER for DAB & DAB+ signal
- 12MM-M6-GPS allows measurements to be displayed on a map at the very same spot where they were actually taken, facilitating coverage analysis.
- » 12MM-M6-WIFI allows 2.4GHz & 5GHz Wi-Fi band analysis. 5GHz is a much less congested frequency, which means much less interference.

Satellite Finder

13MM-SF95

- » Designed to ensure that you position and angle your digital satellite in the correct direction for best reception
- » Suitable for the home, caravan, boating and leisure enthusiast
- » Needle and adjustment allows correct adjustment of dish
- » Easy to use, compact design







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