305m RG6 Quad-shield Coaxial Cable Reel
06MM-E6Q

Matchmaster
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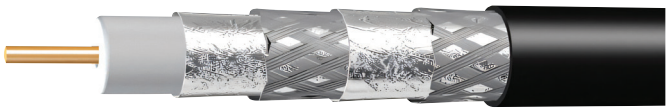

E6Q is an RG6 75 Ohm quad-shield coaxial cable for Free to Air and Pay TV systems. It's approved for both Foxtel satellite and Optus cable networks. Available in 305m reels (E6Q), box dispenser (E6QB), 30m, 50m or 100m rolls. E6Q is a 3GHz rated low loss coaxial cable with a copper-clad steel centre conductor for durability and four shielding layers to guarantee maximum signal protection and stability.

Features and Benefits

- Foxtel (F30440) and Optus (4868) approved
- Meter marked cable for ease of installation
- Sold as 305, 100, 50 and 30-metre reels, as well as a 305m dispenser box
- Suitable and approved for pay and digital TV
- RG6 3GHz rated quad-shield 75 Ohm coaxial cable
- >105dB of screening to 1000MHz

THE HEAVY DUTY CHOICE
DigiMATCH®

PAY TV
APPROVED
F30440

305m RG6 Quad-shield Coaxial Cable Reel
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Matchmaster TV Reception Systems
For the Best

Technical Data 06MM-E6Q

Construction		
Inner Conductor	Material	Copper Clad Steel Wire
	Diameter (mm)	1.02±0.01
Insulation	Material	Physically Foamed PE
	Diameter, mm	4.57±0.15
Outer Conductor	1st shield	Bonded Al/PET/Al Tape 4.78 ±0.13
	2nd shield	Al-Mg Alloy Wire Braid
	3rd shield	Non-bonded Al/PET/Al Tape
	4th shield	Al-Mg Alloy Wire Braid
Jacket	Material	FR PVC or PVC
	Diameter, mm	7.54±0.20
Mechanical Properties		
Bending Radius, mm	Single	35
	Typical	70
Pulling Strength, N		200
Adhesion Force, N		>20
Electrical Properties		
Impedance, Ω		75±3
DCR of Inner conductor, Ω /km		102.0
DCR of outer conductor, Ω /km		19.1
Capacitance, pF/m		54
Propagation Velocity, %		82
DC Breakdown Voltage, kV		5.0
Insulation Resistance, MΩ•km		>1x10^4
Screening Attenuation, dB		>105@5~1000MHz
		>95@1000~2000MHz
		>85@2000~3000MHz

Attenuation	
Frequency MHz	Max. attenuation @20°C,dB/100m
5MHz	1.90
55MHz	5.25
211MHz	10.00
250MHz	10.82
270MHz	11.04
300MHz	11.64
330MHz	12.26
350MHz	12.63
400MHz	13.61
450MHz	14.43
500MHz	15.29
550MHz	16.08
600MHz	16.73
750MHz	18.54
870MHz	20.04
1000MHz	21.49
1300MHz	24.49
1450MHz	25.89
1750MHz	28.67
2150MHz	31.79
2600MHz	35.30
2832MHz	37.74
3000MHz	38.84
Return Loss, dB	
5-3000MHz	≥20
Standards	
Operation	-40~+70°C
UL 1581 UV Resistance 720h	Compliant
2011/65/EU	Compliant