

16 Way Active Tap for FTA and Satellite (Foxtel SMS) 47-2400MHz 14MM-JA16



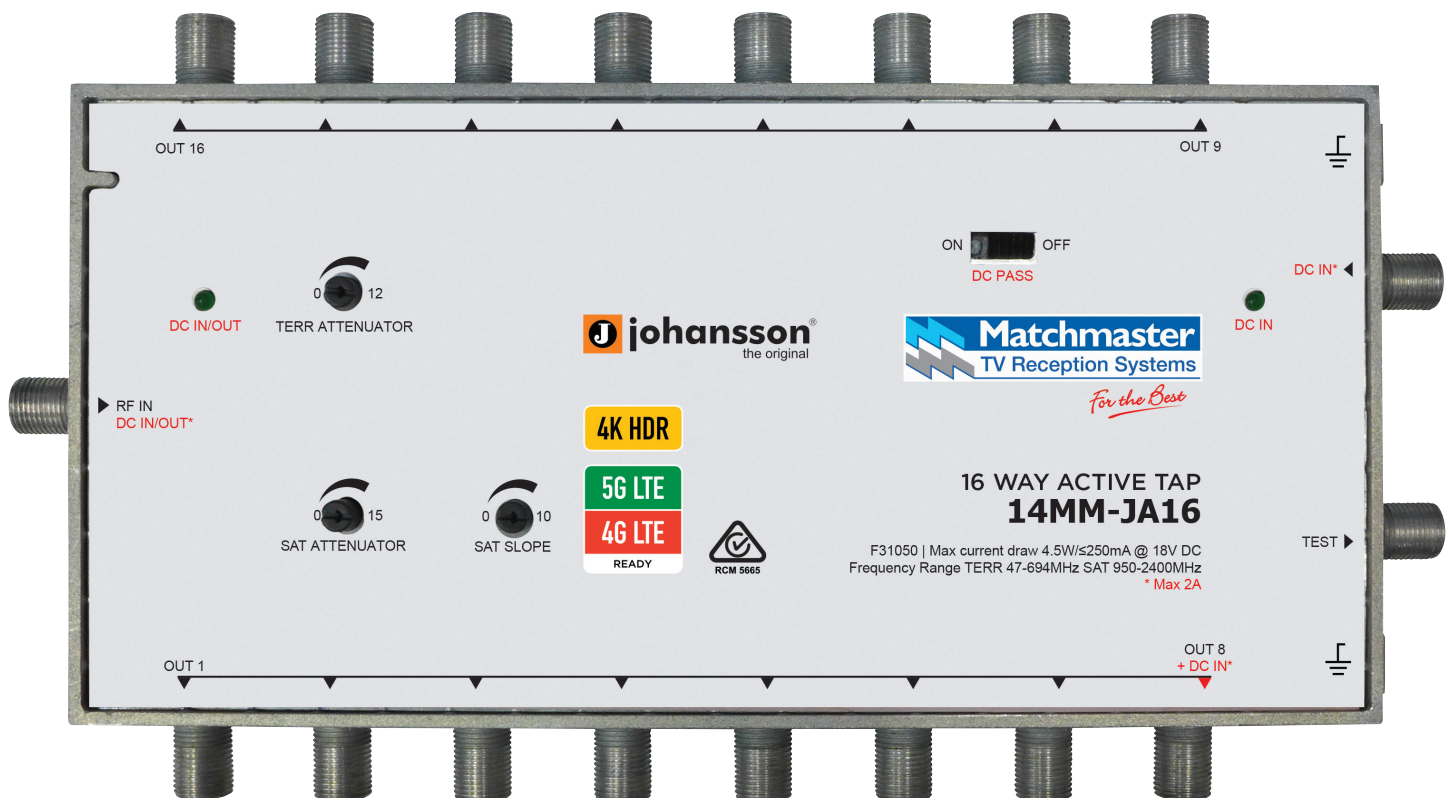
For the Best

The JA16 is a 16-port active tap used in both free-to-air and satellite single-wire SMATV solutions. The JA series taps are Foxtel approved and designed to work in FTA, SMS and TDT networks. The taps feature independent gain adjustments for both terrestrial and satellite bands with additional slope adjustment for satellite and 4dB fixed slope in terrestrial. The taps can be powered remotely over the coax by either a dedicated output port, input port or locally powered by the DC Aux port. The JA series taps are small form factors for ease of use in tight riser and cupboard spaces and for a neat and tidy fit-off.



Features and Benefits

- » Foxtel (F31050) approved, 16-way active tap for free-to-air and Foxtel satellite multi-stacker solution
- » It can be remotely powered via an input port, output port or locally powered by a DC Aux port
- » Built-in gain and slope controls for satellite with gain control and 4dB fixed slope for terrestrial.
- » Terrestrial frequency range 47-694MHz, satellite frequency range 950-2400MHz
- » Suitable for residential MDU, aged care and commercial FTA and Foxtel systems
- » Small footprint for ease of installation into small riser and enclosure spaces



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14MM-JA16 Specifications

	Unit	
Terrestrial frequency	MHz	47 - 694
Satellite frequency	MHz	950 - 2400
Return Loss	dB	12 (Typically)
(47-694MHz + 950-2400MHz)	dB	>10 (Minimum)
Port to Port Isolation	dB	30 (Typically)
(47-694MHz + 950-2400MHz)	dB	>27 (Minimum)
Screening effectiveness	dB	≥ 75dB (30MHz to 1000MHz)
IEC 60996-1	dB	≥ 65dB (1000MHz to 2400MHz)
Input Port	-	Single F female connector
Output Port	-	F female connectors
Test Port	dB	-20
FTA Gain	dB	12
Sat Gain	dB	15
Upper Limit Gain		
FTA & SAT	dB	90
TER & SAT	dB μ V	90
FTA Fixed Slope Control	dB	4
Sat Slope Control 950-2400MHz	dB	0-10 (adjustable)
Isolation at any output		
FTA - SAT	dB	≥35 (via internal diplexer)
Powering Options	-	Via external power supply Via input port Via output port
Input Voltage	V	12-20 (for all DC power ports)
Max current		
@ RF input port	A	2.0
@ RF output port	A	2.0
@ DC input port	A	2.0
Consumption	mA (@18V) W	250 4.5
Voltage present at the input port	Switchable on/off power at the RF input 18 volts with the option of passing 2amp load	
Output Port to be active	With no voltage from the STB OK	
Dimensions (Packed) WxHxD	240x50x125	