

Product *info*

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Cascadable multi switch TMS 5 x C Series

Triax cascadable multi switch for 1 satellite position (4 x SAT polarities) and terrestrial signal.

- ✔ Two versions with 6 and 8 subscriber outputs. Suitable for both analogue and digital reception.
- ✔ The TMS5xC Series has TER switchable between full wideband, or with a 5-65MHz passive return path.
- ✔ Input level attenuator per IF polarity and TER (via 0, 6 and 12dB point switch or 0...12dB potentiometer).
- ✔ For use with Universal Quattro or QUAD type LNC/LNBs. Colour coded inputs and 22kHz on High Band.
- ✔ Satellite receiver provides own individual DC switching voltage to switch polarity and position on every subscriber output (13/18 VDC and 0/22 kHz).
- ✔ 5.5x2.1mm DC plug available for external DC power supply input.
- ✔ The products are in conformity with the required safety standards which are fixed in the EU directive regarding the electromagnetic compatibility (2004/108/EEC-EMC Directive) and the Low Voltage Directive (2006/95/EEC).



Triax multi switch

TMS 5 x C series



Technical data

Type			TMS 5x6C	TMS 5x8C
Art. No.			307456	307458
Subscriber Output Lines			6	8
Connectors			F-connector, female	
Frequency range	TER	MHz	5 to 862 (switch pos. FULL)	
	SAT	MHz	85 to 862 MHz with passive return path / pos. RC	
Return path	TER	MHz	950 to 2150	
			5 to 65 (switchable on/off)	
Trunk insertion loss	TER	dB	4±1	6±1
	SAT	dB	4±1	7±2
Gain	TER	dB	-2...+4	-2...+4
(Subscriber TAP outputs)	SAT	dB	-2...+4	-2...+4
Individual Pol./TER atten.	SAT/TER	dB	0,6,12/0...12	0,6,12/0...12
Isolation	Cross pol H/V	dB	>28	
	Out-out SAT	dB	>30	
Return loss	All ports	dB	>10	
Max. current consumption	All ports used	mA	350	
External power supply			18 VDC	
Vertical voltage switching			13.0±1	
Horizontal voltage switching			17.5±1	
Input/output line impedance			75	
Outer dimensions (W x H x D)			182 x 150 x 45	

Other TMS 5 products:

Type	TMS TERM	TMS 1820 SMPU EU	TMS 1820 SMPSU BS
Art.no	307452	307410	307411
Data	75 Ω terminator block, for trunk termination of last unit in cascade	Switch mode power supply, 100-240 VAC 50/60Hz, 18 VDC, 2000 mA, EU mains plug	Switch mode power supply, 100-240 VAC 50/60Hz, 18 VDC, 2000 mA, UK/BS mains plug

Colour coding layout multi switch

Type	BAND	Polarity	Switch voltage	Switch frequency	Colour coding
SAT	High Band	Horizontal	18 V DC	22 kHz	Yellow
		Vertical	13 V DC	22 kHz	Red
	Low Band	Horizontal	18 V DC	0 kHz	Green
		Vertical	13 V DC	0 kHz	Black
TER		NA		White	

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