

## TMS 5 x 12 Cascade Multiswitch with Earth Bars

Article No.318627  
(UK version)

Cascade multiswitch range for 1 Satellite position with 5 inputs and 5 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems.

Available with 8 to 32 subscriber outputs and powered by the TMS PSU external power supply either directly or via the SAT trunk lines.

The TMS 5 C series offers excellent performance and flexibility, with a compact design for installations even in confined spaces.



Features		UK version	TMS 5x12 C EB
<b>Art. no.</b>			<b>318627</b>
Frequency range TER	Active / Passive (via switch)		47-862 MHz / 5-862 MHz
Frequency range SAT			950-2200 MHz
Inputs SAT + TER (F-Features connectors)			5
Subscriber Outputs (F-Features connectors)			12
Trunk Loss	TER / SAT		4 ± 1dB / 4 ± 1dB
TER Tap loss	TER active / TER passive		0 ± 2dB / 29 ± 2dB
SAT Tap gain with 5dB slope			-3...+2 ± 2dB
Isolation Trunk-Trunk	TER to SAT / SAT to TER / SAT to SAT		> 30dB
Isolation Tap	TER to SAT / SAT to TER		> 25dB / >30dB
	Cross polarisation H/V		30dB
	Tap-Tap TER / Tap-Tap SAT		25dB / 30dB
Max. input level	TER / SAT		90dBµV / 98dBµV
Max. output level	TER Active (IMA <sup>3</sup> 60dB) / SAT (IMA <sup>3</sup> 35dB)		90dBµV / 100dBµV
Return loss TER/SAT	Trunk input / Trunk output		> 10dB
Return loss TER/SAT	Tap output		10dB
Switching commands			DiSEqC 1.0 / 2.0, 13V, 18V, 13V22KHz, 18V22KHz
Current consumption	Multiswitch power consumption @18V		30mA TER passive / 200mA TER active
Power consumption	Max. current to LNB		3A
Power consumption	Max. current from receiver		< 50mA
Multiswitch operating voltage			15-20V DC
DC support on trunk line	SAT / TER		on all 4 polarities VL/VH/HL/HH - TER no DC pass
Trunk max. current pass per line			2A
DC injection max. current			3A
Operating temperature			-20...+55°C
Dimensions (H x W x D)			175 x 140 x 65mm
Weight			535g