

Optical RX 3x4 Multiswitch (Suitable for 20MM-OT301) 20MM-OR301M

Features and Benefits

- » Compact optical receiver for Terra OT301 Transmitter with built in 3x4 multiswitch
- » Can connect up to 2 x IQ set top boxes directly
- » Built in AGC system based on Optical input value
- » Powered by STB or external power supply
- » Robust die-cast housing
- » FC/APC fibre optic interface - 1100-1650nm input range

Fibre Optics

Matchmaster provide an extensive range of IP and fibre solutions for RF overlay and distribution. Simple IP solution using SAP protocol without the need for middleware through to advanced hospitality solutions. Simple fibre solutions for CATV and L-band in 1310nm and 1550nm wavelengths including DWDM solutions for 5 wire over single fibre distribution.



20MM-OR301M Specifications

Optical Inputs	
Wavelength	1100 - 1650 nm
Optical input level (OLC range)	-15 ± -5 dBm
Optical return loss	> 40 dB
RF outputs	
Bandwidth	
SAT IF	4 x (950-2150) MHz
Terr.TV	47-790 MHz
Return loss / impedance	> 10 dB / 75 Ω
DTT RF output signal level for 8 transponders (optical -5 ± -15 dBm)	75 dBµV (per transponder)
SAT IF output level for 30 transponders (optical -5 ± -15 dBm)	75 dBµV (per transponder)
SAT IF output control	14/18 V
Powering	
Supply voltage range	
DC AUX	10 V ± 20 V
SAT IF output	13/18 V
Power consumption	2.7 W
Main characteristics	
Operating temperature range	-20° ± +50°C
Dimensions/Weight (packed)	145x86x37 mm /0.42 kg