



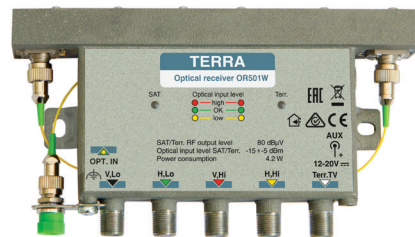
4 SAT IF distribution equipment

Optical receivers

- compact optical receivers of 4 SAT IF and DTT signals
- built-in AGC system based on optical signal level
- built-in WDM diplexer
- powered by STB or external PS
- robust die-cast housing
- recommended power supply SYS1381N-1212-W2E
- connectors:
RF outputs - F female
optical - FC/APC
DC AUX - 3.5/1.3 mm DC jack

OR501MW
built-in 4x4 multiswitch

OR501W
virtual quatro



Technical specifications

T Y P E		OR501MW*	OR501W*
Optical input			
Detection wavelength range		1100 - 1650 nm	
Optical input level (OLC range)		-15 ÷ -5 dBm SAT & Terr.	
Optical return loss		> 40 dB	
RF outputs			
Bandwidth	SAT IF	2 x (950-1950) & 2 x (1100-2150) MHz	
	Terr.TV	47-790 MHz	47-862 MHz
Return loss / impedance		>10 dB / 75 Ω	
DTT RF output signal level for 8 transponders (optical -15 ÷ -5 dBm)		75 dBμV (per transponder)	80 dBμV (per transponder)
SAT IF output level for 30 transponders (optical -15 ÷ -5 dBm)		75 dBμV (per transponder)	80 dBμV (per transponder)
SAT IF output control		14/18 V, 0/22 kHz	-
Powering			
Supply voltage range	DC AUX	12 V ÷ 20 V	
	SAT IF output	13/18 V	10 V ÷ 20 V
Power consumption		4.2 W	
Main characteristics			
Operating temperature range		-20 °C ÷ + 50 °C	
Dimensions/Weight (packed)		158x86x37 mm/0.50 kg	

* ordering information:

Type	Ordering number
OR501MW 31W55	03837
OR501W 31W55	03840

Structure diagram OR501W

