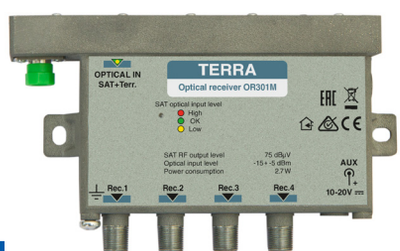
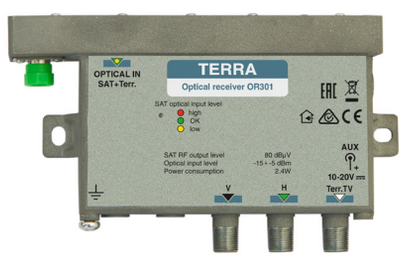
2 SAT IF distribution equipment
Optical receivers

- compact optical receivers
  of 2 SAT IF and DTT signals
- built-in AGC system based on optical signal level
- powered by STB or external PS
- robust die-cast housing
- recommended power supply SYS1381-1212-W2E
- connectors:
  RF outputs - type F
  optical - FC/APC
  DC AUX - 3.5/1.3 mm DC jack

OR301M
built-in 2x4 multiswitch

OR301
virtual dual





Technical specifications

TYPE		OR301M	OR301
Ordering number		03851	03852
Optical input			
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	2 x (950-2150) 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 -5 ÷ -15 dBm)		75 dBµV (per transponder)	80 dBµV (per transponder)
SAT IF output level for 30 transponders (optical -5 ÷ -15 dBm)		75 dBµV (per transponder)	80 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	10 V ÷ 20 V
Power consumption		2.7 W	2.4 W
Main characteristics			
Operating temperature range		-20° ÷ + 50 °C	
Dimensions/Weight (packed)		145x86x37 mm/0.42 kg	