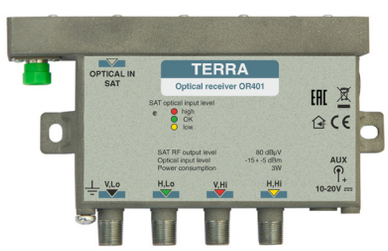
TERRA

4 SAT IF distribution equipment
Optical receivers

- compact optical receivers of 4 SAT IF 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

OR401M
built-in 4x4 multiswitch

OR401
virtual quatro



Technical specifications

TYPE		OR401M	OR401
Ordering number		03832	03833
Optical input			
Detection wavelength range		1100 - 1650 nm	
Optical input level (OLC range)		-15 ÷ -5 dBm	
Optical return loss		> 40 dB	
RF outputs			
Bandwidth		2 x (950-1950) & 2 x (1100-2150) MHz	
Return loss / impedance		> 10 dB / 75 Ω	
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, 0/22 kHz	-
Powering			
Supply voltage range	**DC AUX**	10 V ÷ 20 V	
	SAT IF output	13/18 V	10 V ÷ 20 V
Power consumption		3 W	
Main characteristics			
Operating temperature range		-20 °C ÷ + 50 °C	
Dimensions/Weight (packed)		145x86x37 mm/0.42 kg	