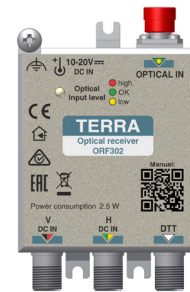




2 wideband SAT IF distribution equipment

Wideband optical receivers

- compact optical receivers with 2 wideband and DTT outputs
- suitable for operation with OTF302 optical transmitter and LWO102 optical LNB
- built-in AGC system based on optical signal level
- powered via SAT IF outputs
- robust die-cast housing
- recommended power supply SYS1381N-1212-W2E (ORF302 only)
- connectors:
RF - type F
DC IN - 3.5/1.3 mm DC jack (ORF302 only)



Technical specifications

T Y P E		ORF202*	ORF302*
Optical input			
Detection wavelength range		1100 - 1650 nm	
Input level (OLC range)**		-15 ÷ -5 dBm	
Wideband outputs			
Frequency range		2 x (290-2350 MHz)	
Output level		75 dB μ V***	
DTT output			
Frequency range		-	87.5-240 / 470-790 MHz
Output level		-	75 dB μ V***
General			
Return loss / impedance		> 10 dB / 75 Ω	
Supply voltage	DC input	-	10-20 V
	wideband outputs	10-20 V	
Power consumption		2 W	2.5 W
Operating temperature range		-20 °C ÷ + 50 °C	
Dimensions/Weight (packed)		40x93x23 mm/0.15 kg	60x93x23 mm/0.2 kg

* ordering information:

Type	Connector IN	Ordering number
ORF202 E	FC/UPC	14850
ORF302 E	FC/UPC	14851

** the system performance depends on optical level

*** versions with higher output level (SAT IF 90 dB μ V, DTT 85 dB μ V) ORF202H and ORF302H, could be supplied under special request