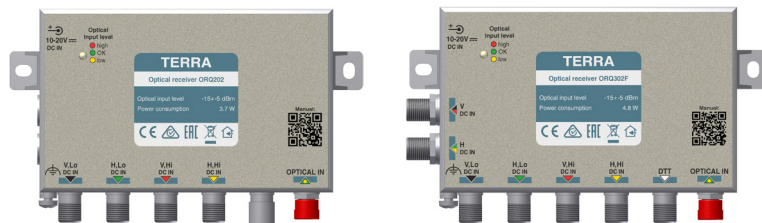




2 wideband SAT IF distribution equipment

Wideband & quattro mode optical receivers

- compact optical receivers with 2 wideband, quattro and DTT outputs
- compatible with OTF302 optical transmitter
- built-in AGC system based on optical signal level
- powered via RF outputs or from external PS
- recommended power supply SYS1381N-1212-W2E
- robust die-cast housing
- connectors:
RF outputs - type F
DC IN - 3.5/1.3 mm DC jack



Technical specifications

T Y P E		ORQ202*	ORQ202F*	ORQ302*	ORQ302F*
Optical input					
Detection wavelength range		1100 - 1650 nm			
Input level (OLC range)**		-15 ÷ -5 dBm			
Wideband and quattro outputs					
Frequency range	wideband	-	2 x (290-2340 MHz)	-	2 x (290-2340 MHz)
	quattro	2 x (950-1950) & 2 x (1100-2150) MHz			
Output level	wideband	-	80 dB μ V	-	80 dB μ V
	quattro	80 dB μ V			
DTT output					
Frequency range		-		87.5-240 / 470-790 MHz	
Output level		-		80 dB μ V	
General					
Internal IF		290-2340 MHz			
Return loss / impedance		> 10 dB / 75 Ω			
Supply voltage	DC input	10-20 V			
	wideband outputs	-	10-20 V	-	10-20 V
	quattro outputs	10-20 V			
Power consumption		3.7 W	3.9 W	4.6 W	4.8 W
Operating temperature range		-20° C ÷ + 50° C			
Dimensions/Weight (packed)		147x89x26 mm/0.4 kg		149x89x26 mm/0.4 kg	

* ordering information:

Type	Connector IN	Ordering number
ORQ202 E	FC/UPC	14852
ORQ202F E	FC/UPC	14838
ORQ302 E	FC/UPC	14848
ORQ302F E	FC/UPC	14840

** the system performance depends on optical level