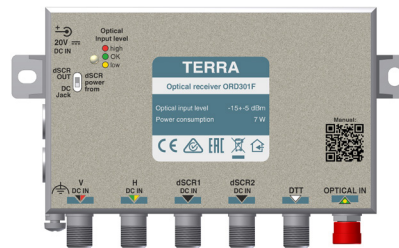




# 2 wideband SAT IF distribution equipment dSCR optical receiver

- compact optical receiver with 2 wideband, 2 dSCR / legacy & DTT and separate DTT outputs
- compatible with OTF302 optical transmitter
- built-in AGC system based on optical signal level
- powered via RF outputs or from external PS
- selectable powering mode of dSCR section
- control according legacy / EN50494 / EN50607
- configurable with programmer PC102W
- robust die-cast housing
- recommended power supply SYS1121-1220-W2E
- connectors:  
RF outputs - F female  
DC IN - 3.5/1.3 mm DC jack



## Technical specifications

T Y P E		ORD301F*
<b>Optical input</b>		
Detection wavelength range		1100 - 1650 nm
Input level (OLC range)**		-15 ÷ -5 dBm
<b>Wideband and DTT outputs</b>		
SAT IF frequency range		2 x (290-2350 MHz)
DTT frequency range		87.5-240 / 470-790 MHz
Output level	SAT IF	75 dBμV
	DTT	75 dBμV
<b>dSCR outputs</b>		
SAT IF frequency range		950-2150 MHz
User bands		32 max. per pair outputs, configurable
User band bandwidth		20-60 MHz, configurable
Control commands		EN50494 / EN50607 (SCR/dSCR), Legacy (13 V / 18 V, 0 / 22 kHz)
Output level	dSCR mode	76 dBμV
	legacy mode	70 dBμV
DTT frequency range		87.5-240 / 470-790 MHz
DTT output level		75 dBμV
<b>General</b>		
Return loss / impedance		> 10 dB / 75 Ω
Supply voltage	DC input	20 V
	dSCR outputs	13-18 V
	wideband outputs	10-20 V
Power consumption		7 W
Operating temperature range		-20 °C ÷ + 50 °C
Dimensions/Weight (packed)		147x89x26 mm/0.4 kg

\* ordering information:

Type	Connector IN	Ordering number
ORD301F E	FC/UFC	14835

\*\* the system performance depends on optical level