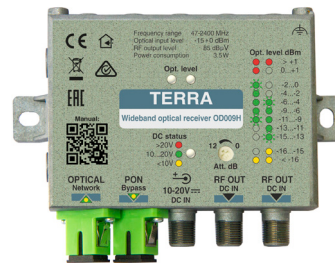




# 1 SAT IF distribution equipment

## Optical receivers with 2 RF outputs

- compact optical receiver of SAT IF and DTT signals
- optical receiver with integrated WDM filter (OD009H)
- AGC based on optical input level
- LED indication of -16 ÷ +1 dBm optical signal level and DC powering voltage
- robust die-cast housing
- recommended power supply SYS1381N-1212-W2E
- connectors:  
RF output - type F  
DC IN - 3.5/1.3 mm DC jack  
(reducer 5.5/2.1 mm in scope)



Technical specifications		OD009*	OD009H*
TYPE		OD009*	OD009H*
<b>Ordering number</b>		see ordering information*	
<b>Optical input</b>	wavelength for receiver	1260-1620 nm	1540-1560 nm
	wavelength pass	-	1260-1360 nm & 1480-1500 nm
	optical connector	see ordering information*	
	insertion loss	-	< 0.4 dB
	isolation	-	> 30 dB
	return loss input	> 45 dB	> 50 dB
	return loss output	-	> 40 dB
	input level (AGC range)	-15 ÷ 0 dBm	
	noise current density	≤ 6 pA/√Hz	
<b>RF outputs</b>	number	2	
	frequency range	47-2400 MHz	
	isolation	22 dB	
	impedance	75 Ω	
	return loss	≥ 12 dB up to 2400 MHz	
	frequency response	± 1.5 dB	
	output level (AGC range)	85 dBμV per carrier**	
	spurious	< -40 dBc**	
	output level adjustment	0 ÷ 12 dB	
<b>Supply voltage***</b>		10 V ÷ 20 V	
<b>Current consumption</b>		12 V 250 mA max.	
<b>Operating temperature range</b>		-20° ÷ + 50° C	
<b>Dimensions/Weight (packed)</b>		116x88x25.5 mm/0.28 kg	

\* ordering information:

Type	Connector IN-OUT	Ordering number
OD009 H	SC/APC	03884
OD009H HH	SC/APC - SC/APC	03883

Receivers with other connectors are supplied by MOQ request.

\*\* optical input signal OMI 4.9%, 30 SAT IF transponders and 8 DTT channels

\*\*\* powering via RF outputs or dedicated 3.5/1.35 mm DC jack