

TERRA Fibre Mini Receiver (FCA) 70dBμV Output
10-20V DC Powering
20MM-OD007

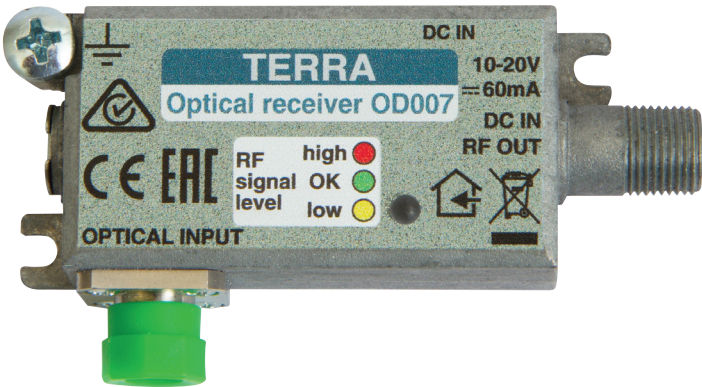


TERRA OD007 is a mini wide-band fibre receiver suitable for satellite and terrestrial frequencies. It supports wide band RF output of 47-2400MHz, so it is ideal for Pay TV and FTA single-wire systems. The OD007 outputs 70dBQV power via a wide operating AGC range of -15 dBm to 0 dBm*

* Optical input signal 4.9% OMI, 30 SAT IF transponders: OD007 - 1310 nm

Features and Benefits

- » Compact Fibre Optic node 47-2400MHz with FC/APC interface & robust die-cast housing
- » AGC based on RF signal output level
- » LED indication of RF signal level
- » Operating wavelength of 1100-1600 nm
- » DC powered via RF output or DC jack, 10-20VDC (3.5/1.3 mm DC jack (reducer 5.5/2.1 mm included)
- » Operating temperature range of -20°C to +50°C Robust die-cast housing
- » DC powered via RF output, 10-20VDC
- » Optical input FC/APC



20MM-OD007 Specifications

Optical input	optical wave length	1100-1600 nm
	optical input level * (AGC range)	-15 ÷ 0 dBm
	optical return loss	> 40 dB
	noise current density	≤ 7.0 pA/√Hz
RF output	frequency range	47-2400 MHz
	impedance	75 Ω
	return loss	≥ 14 dB at 40 MHz -1.5 dB/oct., but not less 10 dB
	frequency response	± 1.5 dB
Output level (AGC range) for 30 SAT IF transponders	70 dBμV (per transponder); 85 dBμV (total power)	
Supply voltage	10 V...20 V	
Current consumption	60 mA max.	
Operating temperature range	-20° ÷ + 50°C	
Dimensions/ Weight (packed)	71x39x19 mm/0.08 kg	

