

# Terra mini Fibre Receiver 70dBuV output with dual SC/APC connectors 47-2400MHZ with built in WDM 20MM-OD007H



*For the Best*

Terra OD007H is a mini wide band fibre receiver suitable for both satellite and terrestrial frequencies. Supports wide band input of 47-2400MHz so is suitable for Pay TV and FTA single wire systems. Features built in WDM for PON pass.

## Features and Benefits

- » Wide band mini Fibre Receiver for single wire Pay and FTA systems - 47-2400MHz
- » 70dBuV output per carrier
- » AGC based on RF signal output level
- » Robust die-cast housing providing high level screening
- » Can be powered either by RF output F-Connector or by local 3.5/1.3 mm DC jack (power supply sold separately) with 10-20V DC operating range
- » LED indication of RF level

## 20MM-OD007H Specifications

Wavelength for receiver	1540-1560 nm
Wavelength pass	1260-1360 nm & 1480-1500 nm
Insertion lose	<0.4 dB
Isolation	>30 dB
Return loss input	>50 dB
Return loss output	>40 dB
Input level** (AGC range)	-15 ÷ 0 dBm
Noise current density	≤7.0 pA/ffHz
Frequency range	47-2400 MHz
Impedance	75ff
Return loss	≥14 dB at 40 MHz - 1.5 dB/oct., but not less 10 dB
Frequency response	3 dB (precorrection) 3 1.5 dB
Output level (AGC range) for 30 SAT IF transponders	70 dBQV*** (per transponder); 85 dBQV (total)
Supply voltage	10V...20V
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Current consumption	70 mA max
Operating temperture range	-20° ÷ +50° C
Dimensions/weight(packed)	90x27x19mm/0.08 kg

