

TERRA Fibre Receiver 85dB μ V Output with SC/APC Connectors 47-2400MHz 20MM-OD009



For the Best

Terra OD009 is a 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 and Benefits

- » Wide band Fibre Receiver for single wire Pay and FTA systems - 47-2400MHz
- » 85dB μ V 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-OD009 Specifications

| | |
|-----------------------------|--|
| Optical Input | |
| Wavelength for receiver | 1260-1620 nm |
| Return loss input | >45dB |
| Input level (AGC range) | -15 \pm 0 dBm |
| Noise current density | \leq 6 pA/ \sqrt Hz |
| RF outputs | |
| Number | 2 |
| Frequency range | 47-2400 MHz |
| Isolation | 22 dB |
| Impedance | 75 Ω |
| Return Loss | \geq 12 dB up to 2400 MHz |
| Frequency response | \pm 1.5 dB |
| Output level (AGC range) | 85 dB μ V per carrier* |
| Spurious | < -40dBc* |
| Output level adjustment | 0 \pm 12 dB |
| Supply voltage** | 10 V \pm 20 V |
| Current consumption | 12 V 250 mA max |
| Operating temperature range | -20 $^{\circ}$ \pm + 50 $^{\circ}$ C |
| Dimensions/weight(packed) | 116x88x25.5mm/0.28kg |

*optical input signal OMI 4.9%, 30 SAT IF transponders and 8 DTT channels
**powering via RF output or dedicated 3.5/1.35 mm DC jack

