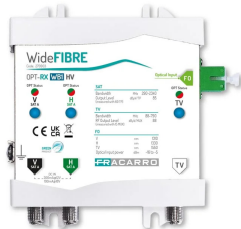


OPT-RX WB1 HV

Wide fibre



Wide Fibre receiver which converts the optical signal coming from the **OPT-TX WB1** transmitter to coaxial; it has **3 outputs: 2 wideband V and H satellite polarities and the TV signal.**

The Wide Fibre solution allows you to transport the signals of **one satellite dish** and the entire **TV band**, including **FM and DAB** radio signals.

They are equipped with **3 separate photodiodes** that can manage the **2 wideband polarities** and the TV signal separately and use the **Coarse Wavelength Division Multiplexing (CWDM)** technology to demix the different wavelengths.

Technical Chars

- Wideband optical receiver with the **single satellite** outputs (V, H) and separate **TV, DAB and FM** signal
- **Extremely reduced size**
- **Integrated AGC** for maximum stability of the RF output signal
- **Status LEDs for each output** for quick diagnostics
- **Extended optical input range (-5dBm to -16dBm)** for maximum quality with up to 1x64 optical splitting
- Dedicated optical wavelength for each satellite wideband polarity and TV band
- The optical receiver feeds through the coaxial output connectors
- Recommended auxiliary power supply: **PSU1508F (287760)** or **PSU1215FA (code 287551)** in the UK

| OPT-RX WB1 HV | | |
|-------------------------|------|---|
| Code | | 270903 |
| Optical input | | |
| Optical input | | 1 x SC/APC |
| Optical input connector | | 1 x SC/APC |
| Wavelength input | nm | 1310 (SatA V), 1330 (SatA H), 1550 (TV) |
| Optical input power | dBm | ≤ -5 |
| RF output | | |
| Connectors type | | F Female |
| Outputs | | 2 Wideband SAT polarities (V, H) + 1 TV |
| Output level TV | | |
| 8dBmo 16 transponder | dBμV | 88 |
| Output level SAT | | |
| 8dBmo | dBμV | 84 |
| 14dBmo | dBμV | 84 |

| Specifications | | |
|--------------------------|----|---|
| Power supply voltage | V | 12-18 |
| Current consumption | mA | 200@12V |
| LED | | Optical level indicator LED; Green: optical level in the correct range Orange: optical level below the operating range; Red: optical level above the operating range |
| Operating temperature | °C | -10 to +55 |
| Storage temperature | °C | -40 to +70 |
| Conformity | | CEI EN 50083-2 EN60065 |
| Dimensions and packaging | | |
| Pieces | | 1 |
| EAN code | | 8016978106851 |
| Packaging dimensions | mm | 215 x 125 x 40 |
| Product dimensions | mm | 114 x 120 x 31 |
| Packaging weight | kg | 0.32 |