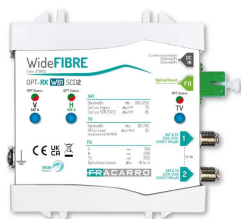


OPT-RX WB1 SCD2

Wide fibre



Wide Fibre receiver which converts the optical signal coming from the OPT-TX WB1 transmitter; it has **2 multistandard dCSS outputs (SCR/SCD2/dSCR-BSkyB and legacy)** with the mixed TV signal.

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

The receiver is 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

- 1 satellite, TV, DAB and FM
- Extremely reduced size
- Integrated AGC for maximum stability of the RF output signal
- Multistandard SCD2 optical receiver compatible with SKY Q, BskyB, SCR, Legacy protocols
- Optical receiver feeds through coaxial output connectors; **dedicated DC-in connector** for external power supply
- **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
- Recommended auxiliary power supply: **PSU1508F (287760) or PSU1215FA (code 287551) in the UK**

| OPT-RX WB1 SCD2 | | |
|-------------------------|------|---|
| Code | | 270902 |
| 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 up to 32 SCD2 users (multistandard SCR/SCD2/dSCR(BSkyB) and legacy supported) |
| Output level TV | | |
| 8dBmo 16 transponder | dBμV | 85 |
| Output level SAT | | |
| 8dBmo | dBμV | 77 |
| 14dBmo | dBμV | 77 |

| Specifications | | |
|--------------------------|----|---|
| Power supply voltage | V | 12-18 |
| Current consumption | mA | 400@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 | | 8016978106523 |
| Packaging dimensions | mm | 215 x 125 x 40 |
| Product dimensions | mm | 114 x 120 x 31 |
| Packaging weight | Kg | 0.32 |