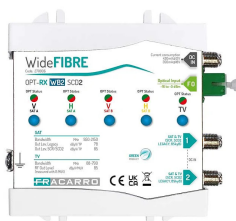


## OPT-RX WB2 SCD2

### Wide fibre



**Wide Fibre receiver** which converts the optical signal coming from the **OPT-TX WB2** 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 **2 satellite dishes** and the entire **TV band**, including **FM and DAB** radio signals.

The receiver is equipped with **5 separate photodiodes** that can manage the **4 wideband polarities** and the TV signal separately and use the **Coarse Wavelength Division Multiplexing (CWDM)** technology to demix the different wavelengths.

### Technical Chars

- 2 satellites, 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 WB2 SCD2		
Code		270906
Optical input		
Optical input		1 x SC/APC
Optical input connector		1 x SC/APC
Wavelength input	nm	1310 (SatA V), 1330 (SatA H), 1350 (SatB V), 1370 (SatB H), 1550 (TV)
Optical input power	dBm	from -16 to -5 (for each wavelength); from -9 to 2 (overall)
RF output		
Connectors type		F Female
Outputs		2 (up to 32 SCD2 users. 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	430@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		8016978108688
Packaging dimensions	mm	215 x 125 x 40
Product dimensions	mm	114 x 120 x 31
Packaging weight	kg	0.32