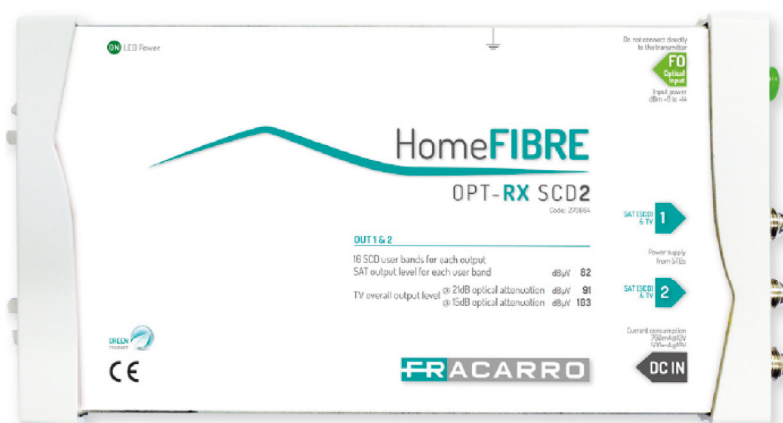


## Home Fibre – SCD2 (dCSS) Optical Receiver

### OPT RX SCD2 UK



Fracarro's innovative home fibre optic system has been designed to be easy to install from the head end to the walloutlet. The system uses a conventional LNB and dish assembly requiring no special optical alignment tools. It is capable of carrying all satellite and terrestrial signals through a single 9/125 glass fibre. Additional transmitters can be cascaded using a standard 5 core co-axial back bone giving greater flexibility in system design to supply a large number of outlets.

### Main Specifications

- Miniaturised optical FC/APC connector
- 2 Outputs with 16 user bands and TV
- Low power consumption
- Optical budget up to 21dB
- Quick and easy installation
- Full bandwidth: 88-790/950-2150

|                          |      | OPT RX SCD2 UK   |                     |
|--------------------------|------|--|---------------------|
| Fracarro code            |      | 270663   |                     |
| Optical input            | No.  | 1 FC/APC   |                     |
| RF output                | No.  | 2 (TERR + 16 user bands per output)  |                     |
| <b>Optical Input</b>     |      |  |                     |
| Optical connector        |      | FC/APC   |                     |
| Optical return loss      | dB   | >45  |                     |
| Max. optical input power | dBm  | -8   |                     |
| <b>RF Outputs</b>        |      |  |                     |
| Frequency band           | MHz  | 88 - 790 / 950 - 2150  |                     |
| Connector type           |      | F Female   |                     |
| Return loss              | dB   | 10   |                     |
| Output level DVB-T       |      | -14dBm optical input   | -8dBm optical input |
|                          | dBuV | 75 (40 Mux)  | 87 (40 Mux)         |
|                          | dBuV | 79 (16 Mux)  | 91 (16 Mux)         |
|                          | dBuV | 82 (8 Mux)   | 94 (8 Mux)          |
| Output level DVB-S       | dBuV | 82 (each transponder)  |                     |
| User band frequencies    |      | 980, 1030, 1080, 1130 MHz<br>1280, 1380, 1480, 1530 MHz<br>1580, 1630, 1680, 1730 MHz<br>1780, 1830, 1880, 1930 MHz<br>(conforming to SKY UK commands) |                     |

| Main Features         |    |   |
|-----------------------|----|---|
| Voltage               | V  | 12-18   |
| Power consumption     | mA | 500mA @ 18Vdc<br>750mA @ 12Vdc                  |
| Output isolation      | dB | 30  |
| Standards             |    | 1st and 2nd generation DiSEqC-SCIF (SCD / SCD2) |
| Operating temperature | °C | -5 to +50                                       |
| LED status            |    | Green power LED                                 |
| Standard conformity   |    | CEI EN 50083-2                                  |

| Fracarro Code | Item        | Packing | EAN Code      | Qty | Dimensions     | Net Weight | Total Weight |
|---------------|-------------|---------|---------------|-----|----------------|------------|--------------|
|               |             |         |               | Pc  | mm             | Kg         | Kg           |
| 270664        | OPT RX SCD2 | Single  | 8016978099566 | 1   | 213 x 125 x 37 | 0.7        | 0.8          |

### Optical Budget

