

## ORX 2-01 Optical SAT Receiver | GPON loop-through



- ✓ Converts 1550 nm optical signals into SAT IF
- ✓ Input level -20 ... +2 dBm
- ✓ Frequency range 47 ... 2200 MHz
- ✓ Output level 90 dBμV
- ✓ SC/APC connector at the input
- ✓ Additional loop-through for GPON with SC/UPC connector
- ✓ 1310/1490 nm

### Order information

|                          |               |
|--------------------------|---------------|
| Type                     | ORX 2-01      |
| Order no.                | ORX00201      |
| GTIN                     | 7611682401943 |
| PE                       | 1             |
| VE                       | 1             |
| EU customs tariff number | 85437030      |

### Technical data

#### PON

|                 |                                  |
|-----------------|----------------------------------|
| Number          | 1 (loop-through)                 |
| Connector type  | SC/UPC                           |
| Insertion loss  | < 0.7 dB @ 1310 nm / 1490 nm     |
| Wavelength      | 1310 nm / 1490 nm (loop-through) |
| Output          |                                  |
| Frequency range | 47 ... 2200 MHz                  |
| Output level    | > 90 dBμV                        |
| Connector       | 1 × F-female                     |
| Impedance       | 75 Ω                             |
| Return loss     | > 12 dB                          |

#### RFoG

|                  |                |
|------------------|----------------|
| Input wavelength | 1550 nm        |
| Input level      | -20 ... +2 dBm |
| Connector type   | SC/APC         |
| Return loss      | > 45 dB        |

#### General

|                              |                                        |
|------------------------------|----------------------------------------|
| Operating voltage            | 12 VDC                                 |
| Power consumption            | < 2.5 W                                |
| Dimensions (W × H × D) appr. | 95 × 60 × 25 mm                        |
| External accessories         |                                        |
| Switching power supply       | 100...240 VAC/50...60 Hz   5 VDC/0.5 A |

## Example of use

