ORX 14-01 Optical receiver | Single cable /SCR/CSS)



- ✔ For receiving optical signals of the OTX 51-00
- ✔ Converts optical signals into 2 outputs with 16 user bands each
- ✔ Single cable I and II compatible (according to EN 50607 and EN 50494)
- ✔ In addition, 2 legacy outputs are available
- ✔ Power supply via external power supply unit (not included)

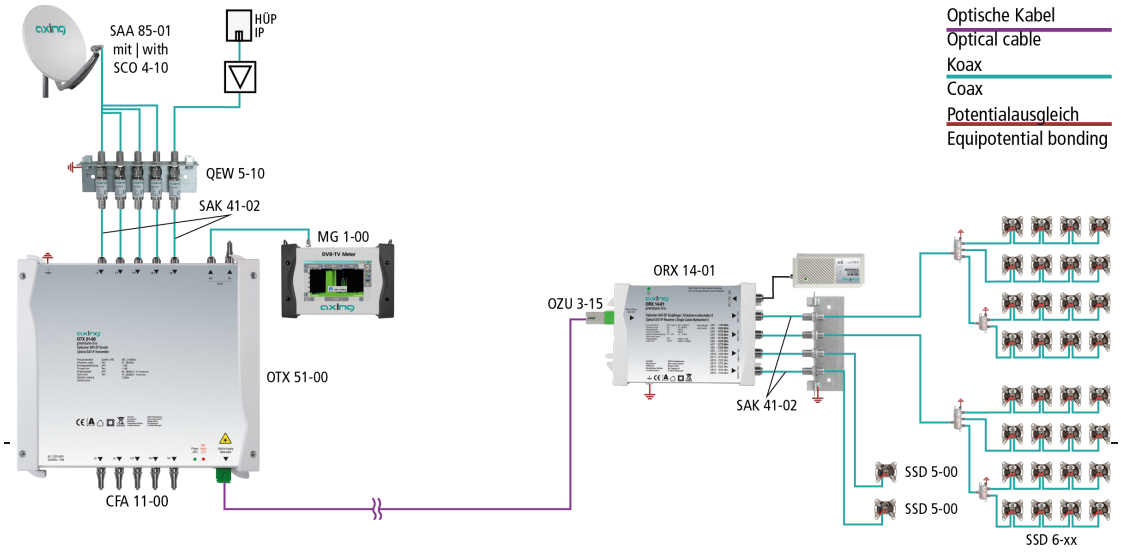
Order information

Type	ORX 14-01
Order no.	ORX01401
GTIN	7611682008128
PE	1
VE	1
EU customs tariff number	85291095

Technical data

Subscriber ports	
Number	4
Type	2 × SCR (TERR + 16 UB) | 2 × LEGACY (TERR + SAT)
Frequency range	87 … 862 MHz @ DVB-C/T/T2 | 950…2150 MHz @ DVB-S/S2/S2X
User band frequencies	975/1025/1075/1125/1175/1225/1275/1325 MHz @ EN 50494/50607 1375/1425/1475/1525/1575/1625/1675/1725 MHz @ EN 50607
Output level SAT (SCR/CSS)	82 dBµV ±2 dB
Output level SAT (Legacy)	65 … 80 dBµV
RFoG	
Input wavelength	1290 … 1580 nm
Input level	–14 … –8 dBm
Connector Input	SC/APC
Return loss input	> 45 dB
RF connectors	
Type	F-female
Return loss	10 dB
General	
Operating temperature range	–5 … +50 °C
Operating voltage	12 … 18 VDC
Power consumption	7.5 W
Current consumption	430 mA @ 18 VDC | 620 mA @ 12 VDC
Dimensions (W × H × D) appr.	160 × 100 × 30 mm
Weight	0.450 kg

Example of use



Suitable products

SZU 99-09S Switching mode power supply 18 VDC/2 A
OTX 51-00 Optical transmitter
OZU 3-01 Optical attenuator 1 dB
OZU 3-03 Optical attenuator 3 dB
OZU 3-05 Optical attenuator 5 dB
OZU 3-10 Optical attenuator 10 dB
OZU 3-15 Optical attenuator 15 dB