OTXE 1550-08 Optical, external modulated CATV transmitter | 1550 nm | 47 … 1006 MHz



- ✔ Converts incoming RF signals into optical signals
- ✔ Frequency range 47 ... 1006 MHz
- ✔ Two inputs with 50 dB isolation for high-quality RF feed-in
- ✔ Optical wavelength 1550 nm
- ✔ Optical output power 8.5 dBm
- ✔ Electronic compensation of fibre dispersion
- ✔ Transmission distance up to 50 km
- ✔ Optical connection SC/APC
- ✔ Two redundant power supplies
- ✔ 19″ housing, 1RU

Order information

Type	OTXE 1550-08
Order no.	OTXE155008
GTIN	7611682400939
PE	1
VE	1
EU customs tariff number	85176200

Technical data

Inputs	
Number	1
Input level	80 ±5 dBµV
AGC level dynamics	±3 dB
Test ports	1
RFoG	
Wavelength	1550 nm
Number of optical outputs	2
Connector type	SC/APC
Output level	+8,5 dBm
MER	≥ 40 @ 25 km, –1 dBm input, 96 chs digital 77 dBµV/ch ≥ 39 @ 50 km, –1 dBm input, 96 chs digital 77 dBµV/ch
Laser class	1M
Interfaces	
Ethernet connectors	1 × RJ 45
Ethernet standards	IEEE 802.3, 100 Base-T
Supported configuration protocols	HTTP
General	
Operating temperature range	–5 … +55 °C
Dimensions (W × H × D) appr.	483 × 44 × 455 mm