

Type	OEMTX-1550-07	OEMTX-1550-08	OEMTX-1550-10
Order number	212 007	212 008	212 009
EAN-Code	4026187193010	4026187193027	4026187193034
RF and optical characteristics			
Optical output power	[dBm]	2 x 7,0	2 x 8,0 2 x 10,0
Optical input wavelength	[nm]	1550nm (or according ITU grid 1545 .. 1560 nm)	
Relative intensity noise	[dB/Hz]	≤ -160	
Laser linewidth	[MHz]	0,3	
SBS suppression	[dBm]	13,0...19,0 in 0,5 dB steps	
Modulation type		external modulated	
Wavelength adjustment range	[GHz]	± 50	
Peak OMI/channel for PAL84 signal	[%]	3	
Number of optical output ports		2	
Flatness over total frequency band	[dB]	± 0,75	
Optical connector type		2 x SC/APC (other on request)	
Frequency range	[MHz]	47 - 1006	
RF input level range (AGC working range)	[dBμV]	78 - 96 (in AGC mode with modulated signal, AGC offset = 0)	
Rated input RF signal level	[dBμV]	80	
RF Input Impedance	[Ω]	75	
RF input return loss	[dB]	≥ 16	
CTB*	[dB]	≥ 65	
CSO*	[dB]	≥ 63	
C/N*	[dB]	≥ 53	
Common data			
Management		SNMP and web interface	
Chassis type		1 RU, 19" rack mounted	
Power supply	[pcs]	2 hot plug / AC or DC	
AC Power supply	[VAC]	90 - 265	
DC Power supply	[VDC]	-36 .. 72 (on request)	
Power consumption	[W]	≤ 60	
Dimensions (W x H x D)	[mm]	483 x 44 x 380 (1 RU)	
Ambient temperature	[°C]	-5 .. +55 (ETSI EN 300019-3 Class 3.2)	
Relative humidity	[%]	0 -95 no condensing	

*) measured at 65km fibre length, one EDFA with 16dBm, optical receiver input level 0dBm with 8 pA/Sqrt Hz, 42 analogue channels (CENELEC42)