

Type		ODMTXm-1310-07	ODMTXm-1310-10	ODMTXm-1310-13
Order number		212 070	212050	212080
EAN-Code		4026187210441	4026187210458	4026187210465
Optical characteristics				
Optical input wavelength	[nm]	1310 ± 10 standard not selected ITU laser within range alternatively, specified DWDM laser		
Optical output power	[dBm]	2 separate outputs, each 07	2 separate outputs, each 10	2 separate outputs, each 13
Laser type		DFB high performance laser		
Number of optical output ports		2		
Modulation type		direct optical intensity modulation		
RIN	[dB/Hz]	< -154		
Flatness	[dB]	± 0,75		
Optical connector type		SC/APC on front		
RF characteristics				
Frequency range	[MHz]	110 - 1218		
RF input level range (AGC working range)	[dBμV]	72 - 85		
AGC control range / MGC range	[dB]	± 5,0 / 0 .. 20		
RF input test port (switchable between Inputs)	[dB]	-20 ± 1,5		
RF input impedance	[Ω]	75		
RF input return loss	[dB]	≥ 16 (47 - 550 MHz); ≥ 14; 550 - 862/1003 MHz		
CTB*	[dB]	≥ 62		
CSO*	[dB]	≥ 59		
C/N*	[dB]	≥ 50		
Common data				
Power consumption	[W]	< 20		
Weight	[kg]	< 1		
Dimensions (W x H x D)	[mm]	module for AOCS-SR		
Ambient temperature	[°C]	-5 .. +55 (ETSI EN 300019-3 Class 3.2)		

*) Test link-1: Optical transmitter: 18 dBm EDFA: 20 km Fiber link: Optical attenuator: Optical Receiver (Optical power input level = 0 dBm, noise bandwidth 5 MHz, single optical wavelength), 25 PALBG channel 119,25-287,25 MHz + 114 256QAM-8 MHz Digital channel 302-1214 MHz