

Type		ORRX DC	ORRX AC
Order number		212 157	212 149
EAN-Code		4026187196707	4026187194734
Power supply		2 hot plug AC	2 hot plug DC
Optical characteristics			
Optical input wavelength	[nm]	1100...1610	
Optical AGC range	[dBm]	-10...0	
Maximum receiving optical range	[dBm]	-27...0	
Attenuation adjustment range separately for each RX for different operation modes	[dB]	0 .. 10: Normal HFC mode with AGC function 0 .. 30: Normal HFC mode with MGC function 0 .. 30: RFoG burst mode	
Optical return loss	[dB]	> 45	
Flatness	[dB]	± 1	
Return loss	[dB]	≥ 16	
Receiver noise current (Pin = 5 dB)	[pA/Sqrt Hz]	< 5	
Output Impedance	[Ω]	75	
Fibre type		Single mode fibre 9/125	
Optical connector type		SC/APC (other on request)	
RF characteristics			
Frequency range for upstream signals	[MHz]	5...200	
Typical RF output level	[dBμV]	≥ 105 (in optical range of -10...0 dBm)	
RFoG Burst mode timing and thresholds: RF-ON for threshold of RF-OFF for threshold of Signal turn on time Signal turn off time	[dBμV] [dBμV] [μs] [μs]	≥ 70 ≤ 62 0.5 ≤ t1 ≤ 1 0.5 ≤ t2 ≤ 1.5	
RF test port	[dB]	-20	
Common data			
Management		front panel / SNMP	
Chassis type		1 RU, 19" rack mounted	
AC Power supply	[VAC]	150 - 250	
DC Power supply	[VDC]	-36 .. 72 (on request)	
Power consumption	[W]	≤ 20	
Dimensions (W x H x D)	[mm]	483 x 44 x 365 (1 RU)	
Ambient temperature	[°C]	-5 .. +55 (ETSI EN 300019-3 Class 3.2)	
Maximum relative humidity	[%]	95 (no condensation)	