

Type		OFN200-F RP	OFN200-FR-1310 RP
Order number		212 155	212 156
EAN-Code		4026187195335	4026187192990
Optical node type		Redundant forward path (with RF switch, no pluggable return module)	Forward path with pluggable return module as described below
Optical characteristics			
Optical input wavelength	[nm]	1100...1600	
Optical input power	[dBm]	-9... +2	
AGC range	[dB]	adjustable -9/-8/-7...+2	
Optical return loss	[dB]	> 45	
Optical connector type		SC/APC; other on request	
Fibre type		Single mode 9/125	
RF characteristics			
Frequency range	[MHz]	45...1006	85...1006
Flatness	[dB]	± 0,75	
RF level (OMI 3,5 %)	[dBμV]	≥ 108	
Output return loss	[dB]	> 16	
Output Impedance	[Ω]	75	
Electronic control EQ range	[dB]	0...15	
Electronic control ATT range	[dB]	0...15	
RF testpoint	[dB]	-20	
Common data			
Power supply	[VAC]	Remote: 35...90	
Chassis type		diecast housing	
Power consumption	[W]	≤ 14	≤ 30
Dimension (L x W x H)	[mm]	220 x 205 x 65	
Ambient temperature	[°C]	-40...+60	
Link performance*			
C/N	[nm]	≥ 51	
CTB	[dBm]	≥ 67	
CSO	[dB]	≥ 62	
Return path (only OFN200-FR-1310 RP)			
Optical wavelength	[nm]	-	1310 (CWDM on request)
Optical output power	[dBm]	-	0
Transmission mode		-	constant or burst mode
Optical connector type		-	SC/APC; other on request
Fibre type		-	Single mode 9/125
Frequency range	[MHz]	-	5-65
Flatness in band	[dB]	-	± 1
RF input level	[dBμV]	-	72 - 85
Impedance	[Ω]	-	75

*) Cenelec42, Link length 20 km @ 1550 nm, optical in 0dBm, AGC -9 dBm, RF output level 108 dBμV, EQ = 0