

Type		OFN200-F	OFN200-FS	OFN200-FR-1310
Order number		212 120	212 121	212 122
EAN-Code		4026187192976	4026187192983	4026187192990
Optical node type		Forward path only (no pluggable return module)	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	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]	Mains: 150...265; Remote: 35...90		
Chassis type		diecast housing		
Power consumption	[W]	≤ 14	≤ 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)				
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

Other types than specified above available on request