

Type		OFN400-FR
Order number		212 123
EAN-Code		4026187193003
Optical node type		2x2 full redundant 4 port fiber node
Optical characteristics		
Optical input wavelength	[nm]	1100...1600
Optical input power	[dBm]	-8... +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]	87...1006
Flatness	[dB]	± 0,75
RF level (OMI 3,5 %)	[dBμV]	≥ 108 (4 Ports output) ≥ 112 (2 Ports output)
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]	redundant mains: 150 .. 250 or redundant remote power: 35 .. 90
Chassis type		diecast housing
Power consumption	[W]	≤ 70
Dimension (L x W x H)	[mm]	360 x 330 x 155
Ambient temperature	[°C]	-40...+60
Link performance*		
C/N	[nm]	≥ 51
CTB	[dBm]	≥ 60
CSO	[dB]	≥ 60
Return path (2 modules for redundancy or segmentation)		
Optical wavelength	[nm]	1310 (CWDM on request)
Optical output power	[dBm]	@ 1310 nm: 0
Transmission mode		constant or burst mode
Optical connector type		SC/APC other on request
Fibre type		Single mode fiber 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