Type		OFN80-FRL-1310-WF
Order number		212 180
EAN-Code		4026187198589
Optical node type		Forward path and return path
Optical characteristics forward path		
Optical input wavelength	[nm]	1545 .. 1565
Optical input power (max. range)	[dBm]	-10 .. +3
AGC range	[dB]	-8… +2
Equivalent noise current typ.	[pa/√Hz]	≤ 5
Optical return loss	[dB]	≥ 45
Optical connector type		SC/APC
Fibre type		Single mode 9/125
RF characteristics forward path		
Diplex filter configuration	[MHz]	65/85 or 204/258
Forward frequency range	[MHz]	1218
Flatness	[dB]	± 1,0
RF Level max. acc. EN 60728-3, 119 Channels, QAM 256: BER < 1E-9	[dBµV]	80 (adjustment with PADs 0 … 20 dB)
Equalizer / Slope setting	[dB]	0 / 3 / 6 / 9 (fix adjustment with 2 jumpers)
Output Return Loss	[dB]	≥ 18 - 1,5 dB/oct, min. 12
Output Impedance	[dB]	75
RF testpoint	[dB]	-20 ± 1,0
Optical characteristics return path		
Optical Wavelength	[nm]	1310 nm ± 3
Optical Power	[dBm]	+3,0 (DFB Laser)
Gain characteristic flatness	[dB]	±1,0
Optical connector type		SC/APC
Fibre type		Single mode 9/125
RF characteristics return path		
Nominal RF upstream level acc. EN 60728-3 24 Channels, QAM 256, BER < 1E-9	[dBµV]	70 … 90 (adjustment with PADs 0 … 20 dB)
Frequency range upstream	[MHz]	5 .. 65 or 204
Ingress noise blocking/testing	[dB]	0 / 6 / 40 (fix setting with jumpers)
Test Port @ Return Laser	[dB]	-20
Mode of return laser	[dB]	continuous or burst mode (selectable with jumper)
Common data		
Power supply	[VAC]	Mains: 150…265 / 50-60
Power consumption	[W]	≤ 7
IP Protection class		IP 20
RF Output connector / Test connector		F-female
Dimension (L x W x H)	[mm]	122 x 155 x 55
Ambient temperature	[°C]	-10…+50