

		OFN45C-BLC	OFN45C-BSC	OFN45-BLC
Order number		212 138	212148	212 137
EAN-Code		4026187195847	4026187195878	4026187195830
Housing		compact	compact	fibre tray version with fibre management
Connector type		LC/APC	SC/APC	LC/APC
Optical parameters				
Optical input wavelength	[nm]	1540...1560		
Optical input power	[dBm]	-15...+2*		
Nominal optical input power (AGC range)	[dBm]	-12...+0		
Multicolor LED		green: -12 dBm...+0 dBm red: < -12 dBm yellow: > 0 dBm		
Optical return loss	[dB]	> 45		
Fibre type		Single Mode Fibre 9/125		
RF parameters				
Frequency range	[MHz]	45 ... 1006		
Flatness	[dB]	±0.75		
RF level (OMI 3,5 %)*	[dBμV]	76 ± 2 (@ Pin -12 dBm...0 dBm within AGC, QAM 256)		
Output return loss	[dB]	≥ 16 @ 45 MHz		
Output impedance	[Ω]	75		
Common data				
Power supply voltage	[VDC]	12 (with external supply unit; inner diameter 2,5 mm, outer diameter 5,5 mm)		
Power consumption	[W]	≤ 1,8		
Dimensions (L x W x H)	[mm]	136 x 136 x 40		
Ambient temperature	[°C]	-20 ... +55 (OFN45) -10...+55 (Power supply unit)		
Relative humidity	[%]	maximum 95, not condensing		

*) Wavelength = 1550 nm, Pin in the range -12.0 dBm ... 0 dBm (within AGC), QAM 256 signal level, out of AGC the RF signal changes by 2 dB for each change of 1 dB of the optical level