

Type		OFN45-BLC
Order number		212 137
EAN-Code		4026187195830
Construction type		Fibre Tray Version with Fibre Management
Connector type		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
Ripple	[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		
Supply voltage	[VDC]	12 (with external power supply unit; diameter inside 2,5 mm, diameter outside 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-BLC) -10...+55 (Power supply unit)
Relative humidity	[%]	maximum 95, not condensing

*) λ = 1550 nm, Pin within the range -12.0 dBm ... 0 dBm (within AGC), QAM 256 signal level, outside AGC the RF signal changes by 2 dB per 1 dB change of the optical level