

Type		OFN45C-WD-ALC
Order number		212 199
EAN-Code		4026187210939
Housing		compact
Connector type		LC/APC
Optical parameters		
Optical input wavelength	[nm]	1540...1560
PON Port operating wavelength: GPON / XG-PON / XGS-PON (WDM reflective channel)	[nm]	1260 .. 1330 / 1480 ..1500 / 1575..1580
Isolation CATV (pass channel) to 1310 nm	[dB]	35
to 1490 nm		35
to 1577 nm		30
Optical input power	[dBm]	-12...+2
Nominal optical input power (AGC range)	[dBm]	-8...+2
Multicolor LED		green: -8 dBm...+2 dBm red: > +2 dBm yellow: < -8 dBm
Isolation PON Port to 1550 nm	[dB]	18
Insertion loss CATV Port on filter	[dB]	< 1,0
Insertion loss PON Port on filter	[dB]	< 1,0
Optical return loss	[dB]	> 40
Fibre type		Single Mode Fibre 9/125
RF parameters		
Frequency range	[MHz]	45 ... 1218
Flatness	[dB]	±0,75 (258 MHz .. 862 MHz) ±1,5 (> 862 MHz)
RF level (OMI 3,5 %)*	[dBμV]	≥ 76 (258 MHz .. 86 2MHz) (@ Pin -8,0 dBm..+2,0 dBm within AGC)
Output return loss	[dB]	≥ 18
Output impedance	[Ω]	75
RF connector type		F-jack
Common data		
Power supply unit	[VDC]	Primary: 100 .. 240 VAC - 50/60 Hz - 0,5 A Secondary: +12,0 VDC / 0,5 A Max. operating temperature: 55 °C
Power consumption	[W]	≤ 2
Dimensions (L x W x H)	[mm]	120 x 90 x 35
Ambient temperature	[°C]	0...+55
Relative humidity	[%]	maximum 95, not condensing