

	OLP-15B	OLP-16B	OLP-18B
Complete solutions	OMK-12B, OMK-14B, OMK-15B		
Wavelength range	780 to 1700 nm	800 to 1700 nm	
Photodiode	Germanium	InGaAs	
Fiber type	9/125 to 100/140 μm	9/125 to 50/125 μm	
Standard wavelengths, switchable	780, 850, 1300, 1310, 1550 nm	850, 1300, 1310, 1480, 1510, 1550, 1625 nm	850, 980, 1310, 1480, 1510, 1550, 1625 nm
Display range	-70 to +20 dBm	-80 to +15 dBm	-60 to +26 dBm
Max. permitted level	+20 dBm	+15 dBm	+26 dBm
Intrinsic error¹⁾	± 0.13 dB (corresponds to $\pm 3\%$)		
Measurement uncertainty²⁾ for the level range			
850 nm	-60 to +18 dBm ± 0.25 dB ± 0.8 nW	-70 to +11 dBm ± 0.3 dB ± 0.15 nW	-50 to +23 dBm ± 0.33 dB ± 10 nW
1300, 1310 nm	± 0.20 dB ± 0.2 nW	± 0.2 dB ± 0.02 nW	± 0.25 dB ± 2 nW
1550 nm	± 0.40 dB ± 0.2 nW	± 0.2 dB ± 0.02 nW	± 0.25 dB ± 2 nW
Wavelength detection^{3) 4)}	automatic switching and display of nominal wavelength		
Fiber detection⁴⁾	automatic display of line ID		
Data memory Results data/Remote control	1000 results RS 232 interface		
Display Modulation detection ⁴⁾ Result display Presentation of results Resolution ⁵⁾	270 Hz, 330 Hz, 1 kHz, 2 kHz LCD, 4-digit dBm, dB, mW, μW 0.01 dB/0.001 μW		
Reference level	Transfer of measured value or entry of any reference level in the range from -80 to +30 dBm; storage of one reference value per wavelength		
Optical connection Interchangeable adapter	Adapter BN 2014/00.XX e.g. DIN (with HRL-10), FC, SC, ST, SMA (PC and APC types), 2014-UPP		
General specifications Power supply Dry batteries/NiCd rechargeable batteries Operating time from dry/rechargeable batteries Discharge protection for dry/rechargeable batteries AC line operation (OLP-1XB) Battery charging Electromagnetic compatibility Ambient temperature Nominal range of use Storage and transport range Dimensions (w x h x d) in mm Weight (incl. batteries)	2 x Mignon (AA) 1.5 V / 2 x Mignon (AA) 1.2 V 36 h / 12 h (typical values) auto-off after approx. 20 minutes (can be disabled) separate AC adapter, NT-20 Batteries charged externally with charger unit, internally using NT-20 (OLP-1XB) corresponds to EN 50081-1 and 50082-1 (CE conformance) -10 to +55 °C -40 to +70 °C approx. 95 x 49 x 185 approx. 500 g		

1) Under reference conditions: -20 dBm (CW), 1310 nm ± 1 nm, 23 °C ± 3 K, 45 to 75 % rel. humidity.2) Temperature range -5 to +45 °C; after zeroing with $\Delta T = \pm 1$ K; level range at 850 nm: lower validity limit value increases by 5 dB in each case.
OLP-18B: typical values for level > +20 dBm.

3) Together with OLS-15 at 1310 and 1550 nm.

4) OLP-15B: from -45 dBm (820, 850 nm), from -50 dBm (1300, 1310, 1550 nm). OLP-16B: from -55 dBm (850 nm), from -60 dBm (1300, 1310, 1550 nm).
OLP-18B: from -35 dBm (850, 980 nm), from -40 dBm (1310, 1480, 1550 nm).

5) For levels < -60 dBm: Display resolution 0.1 dB.