

The Laser Light Sources FOD 2107,2108,2110

- Singlemode or Multimode
- Output power 0 dBm
- Wavelength 850, 1310 or 1550 nm
- Spectral bandwidth 5 nm.

The FOD 2112 provides two wavelengths: 1310&1550 nm.

The FOD 2113 provides three wavelengths: 1310&1550 nm in one port and 850 nm 10 μW in another port.

The FOD 2114 provides three wavelengths: 1310&1550 nm in one port and 635 nm 1mW in another port for Visual Fault Locator.

The rapid growing of DWDM systems necessitates permanent supervisory channels at 1625 nm wavelength.

The FOD 2116 allows to solve this problem, as well as L band testing and InGaAs photodiode sensitivity limit testing. Using special multiplexors and demultiplexors (offered separately), the live fibers can be permanently tested without interrupting the signal traffic. The instrument also may be used for superchannel installation for a subsequent 1625 nm OTDR application.

The units are supplied with:
 FC, SC, ST or Universal 2.5 mm types of adaptors;
 internal NiMH rechargeable batteries;
 protective rubber boot;
 soft carrying case;
 AC Adapter 110-240V / 50-60Hz

RoHS Compliant



SPECIFICATIONS	2107	2108	2110	2112	2113	2114	2116
Output power, dBm:							
635 nm						0	
850 nm			-3		-20 (LED)		
1310 nm		-3		-3	-3	-3	
1550 nm	-3			-3	-3	-3	
1625 nm							0
Light source (LD/LED*)	LD	LD	LD	LD	LD&LED	LD	LD
Fiber (SM/MM)	SM	SM	MM	SM	SM,MM	SM	SM
Internal modulation**	CW, 270Hz	CW, 270Hz	CW, 270Hz	CW, 270Hz	CW, 1/2kHz	CW, 1/2kHz 1/2Hz	1/2kHz
Battery lifetime, Hours	40	60	50	60	40	60	40
Dimensions, mm / Weight, g	147x74x28 / 250						
Power	NiMH rechargeable batteries + AC Adapter 110-240V / 50-60Hz						
Operating temperature	-10°C to +50°C - 85% humidity non condensing						

*LD - laser diode; LED - light emitting diode

**CW - current wave; 270 Hz - 270±10 Hz frequency meander; 1/2 kHz - 1 kHz and 2 kHz frequency meander, switchable

Adapters



Ordering Information & Warranty

Specify adapter type when ordering. For example:
 FOD 2112 – ST (Laser Light Source FOD 2112 with ST adapter)

Warranty: 3 Years