

## Testing Instruments

### Light Sources and Power Meters

269-OLS02-12	Light Source, Wavelengths: 850 nm, 1300 nm)
269-OLS02-35	Light Source, Wavelengths: 1310 nm, 1550 nm)
269-OPM01-5026	Power Meter, Power Range: -50 dBm–+26 dBm
269-OPM01-7006	Power Meter, Power Range: -70 dBm–+6 dBm
269-PAC02-0001	Portable carrying soft-case bag

**269-OLS02 – Light Source**



#### CHARACTERISTICS

Center wavelengths:	269-OLS02-12: 850 nm; 1300 nm; 269-OLS02-35: 1310 nm; 1490 nm; 1550 nm.
Attenuation:	0 dB–6 dB.
Light source:	FP-LD (Fabri-Perrot Laser Diode).
Output power:	≥5 dBm.
Power adjustable range:	6 dB in 1-dB steps.
Power stability:	short-term: ±0.05 dB/15 min; long-term: ±0.2 dB/8 h.
Source modulation:	continuous; 270 Hz; 1 kHz; 2 kHz.
Interface type:	2.5-mm (FC, ST, SC).
Display:	LCD monochrome; backlight mode.
Power supply:	non-rechargeable batteries: auto power off: 10 min.
Storage temperature:	-40 °C–+70 °C (-40 °F–+158 °F).
Operating temperature:	-10 °C–+60 °C (14 °F–+140 °F).
Operating humidity:	≤95 % RH non-condensing.
Dimensions:	L: 186 mm, W: 100 mm, H: 50 mm (L: 7.3 in, W: 3.9 in, H: 2.0 in).
Weight:	150 g (5.3 oz).

**269-OPM01 – Power Meter**



#### CHARACTERISTICS

Wavelength range:	800–1700 nm;
Calibrated wavelengths:	850 nm; 980 nm; 1300 nm; 1310 nm; 1490 nm; 1550 nm; 1625 nm; 1650 nm.
Wavelength detection:	automatic.
Detector type:	InGaAs.
Power range:	269-OPM-5026: -50 dBm–+26 dBm; 269-OPM-7006: -70 dBm–+6 dBm.
Accuracy:	±5 %.
Resolution:	linear: 0.10 %; non-linear: 0.01 dBm.
Stability:	0.02 dB.
Result indication:	linear (mW); non-linear (dBm).
Interface type:	2.5-mm (FC, ST, SC).
Display:	LCD monochrome; backlight mode.
VFL option:	wavelength: 650 nm±30 nm; output power: 2 mW; modes: CW, 1 Hz, 2 Hz; max distance: 5 km (3.1 mi); interface: 2.5 mm (FC, ST, SC).
Storage temperature:	-40 °C–+70 °C (-40 °F–+158 °F).
Operating temperature:	-10 °C–+50 °C (14 °F–+122 °F).
Operating humidity:	≤95 % RH non-condensing.
Power supply:	non-rechargeable batteries: battery runtime: ≥120 h (power meter mode); auto power off: 10 min.
Dimensions:	L: 186 mm, W: 100 mm, H: 50 mm (L: 7.3 in, W: 3.9 in, H: 2.0 in).
Weight:	150 g (5.3 oz).