

## Testing Instruments

### Light Sources and Power Meters

269-OLS01-1235 Optical Fiber Tester – Light Source, Dual-Emitter, Four-Wavelength (850/1300 nm, 1310/1550 nm)

269-OPM01 Optical Fiber Tester – Power Meter

269-OTK01-0101\* Optical Fiber Tester – Light Source and Power Meter Kit (269-OLS01-1235, 269-OPM01)

\* Includes soft-case carrying bag accommodating both units and accessories.

#### 269-OLS01-1235

Kit includes:

- 1x 269-OLS01-1235 unit
- 1x Soft-case carrying pouch
- 1x Software CD
- 1x USB cable
- 1x User guide
- 1x Calibration certificate
- 2x FC/PC adapter
- 2x SC/PC adapter
- 3x 2.5-mm split ceramic sleeve



#### 269-OPM01

Kit includes:

- 1x 269-OPM01 unit
- 1x Soft-case carrying pouch
- 1x Software CD
- 1x USB cable
- 1x User guide
- 1x Calibration certificate
- 1x FC/PC adapter
- 1x SC/PC adapter



#### CHARACTERISTICS

Light source:	dual LD, Class I.
Source wavelengths:	850 nm; 1300 nm; 1310 nm; 1550 nm.
Source spectral width:	5 nm.
Source stability:	short-term (15 min): $\pm 0.10$ dB at 850/1300 nm; $\pm 0.05$ dB at 1310/1550 nm; long-term (8 h): $\pm 0.20$ dB at 850/1300 nm; $\pm 0.10$ dB at 1310/1550 nm.
Source output power:	-5 dBm $\pm 0.5$ dB.
Source modulation:	270 Hz; 1 kHz; 2 kHz.
Central wavelengths:	850 $\pm 20$ nm; 1300 $\pm 20$ nm; 1310 $\pm 20$ nm; 1550 $\pm 20$ nm.
Display:	LCD monochrome; backlight mode.
Interface type:	interchangeable; FC/PC; SC/PC.
Power supply:	rechargeable batteries: 2x Ni-MH AA (2500 mA-h); non-rechargeable batteries: 2x AA R6 1.5 V;  low-battery indicator; auto power off.
Storage temperature:	-20 °C–+70 °C (-4 °F–+158 °F).
Operating temperature:	-10 °C–+50 °C (14 °F–+122 °F).
Operating humidity:	$\leq 90$ % RH non-condensing.
Dimensions:	L: 160 mm, W: 75 mm, H: 45 mm (L: 6.3 in, W: 3 in, H: 1.8 in).
Weight:	270 g (9.5 oz).

#### CHARACTERISTICS

Wavelength range:	800–1700 nm;
Calibrated wavelengths:	850 nm; 1300 nm; 1310 nm; 1490 nm; 1550 nm; 1625 nm.
Wavelength detection:	fully automatic (input power $\geq -40$ dBm); digital protocol.
Modulation detection:	270 Hz, 1 kHz, 2 kHz (input power $\geq -40$ dBm).
Reference power:	fully automatic; digital protocol.
Detector type:	InGaAs.
Measuring range:	-70 dBm–+10 dBm at 1550 nm.
Accuracy:	$\pm 0.2$ db $\pm 1$ nW ( $\pm 5$ % $\pm 1$ nW).
Resolution:	0.01 dB (-60 dBm–+10 dBm); 0.10 dB (-70 dBm–-60 dBm).
Linearity:	$\pm 5$ %.
Maximum distance:	up to 150 km (-90 mi);
Display:	LCD monochrome; backlight mode.
Interface type:	interchangeable; FC/PC; SC/PC.
Data Storage:	1,000 test records.
Data interface:	USB.
Storage temperature:	-20 °C–+70 °C (-4 °F–+158 °F).
Operating temperature:	-10 °C–+50 °C (14 °F–+122 °F).
Operating humidity:	$\leq 90$ % RH non-condensing.
Power supply:	rechargeable batteries: 2x Ni-MH AA (2500 mA-h); non-rechargeable batteries: 2x AA R6 1.5 V;  low-battery indicator; auto power off.
Dimensions:	L: 160 mm, W: 75 mm, H: 45 mm (L: 6.3 in, W: 3 in, H: 1.8 in).
Weight:	270 g (9.5 oz).