

The FD-FS Series of LED Sources are hand held battery powered stabilized dual LED sources. Together with any of Fiberdyne Labs' power meters, this team makes the perfect combination for accurately testing multimode or short haul singlemode optical fiber systems, cable attenuation, point to point connection verification.

The multimode model FD-FS8513A operates at 850/1310nm. The singlemode model FD-FS1316 operates at 1310/1550nm.

Each unit offers selectable modulation at 2-kHz, and continuous mode (CW). The user may choose the modulated mode for quick cable identification, or continuous mode for standard optical loss measurements.

Each LED source will operate for more than 20 hours on just two AA batteries. All units include a "Low batt" indicator to monitor the state of its AA batteries.



Shown: Model FD-FS8513-A

SPECIFICATIONS

FD-FS8513-A	
Optical Connector	Dual Port
Source Type	LED
Wavelength (nm)	850nm +/- 20 1310nm +/- 20
Spectral Width (nm)	50/150
Output Power (dBm)	-20.0 dBm into 62.5 μ m
Modulation	CW, 2kHz
Stability	+/- 0.1dB over 8 hours
Battery Life (Alkaline)	80/20 hrs.
Output Connector	ST, FC, SC
Power	Two AA-size Alkaline or NiCad (opt.)
NiCad Charger (Opt.)	8.7-15 VAC/DC, 150mA, Tip-Positive
Operating Temperature	-10° to +40° C
Storage Temperature	-20° to + 60° C
Size	6.5"H x 3.3"W x 1.3"D (160 x 83 x 33 mm)
Weight	0.56 lbs. (250 g)

Fiberdyne Labs Model FD-FS8513-A Dual Port, Dual Wavelength, LED Light Sources
850nm, & 1310nm, (Recommended for Multimode Applications)

Fiberdyne Labs Laser Optical Light Sources



Shown: Model FD-FS1316

SINGLEMODE LASER LIGHT SOURCE SPECIFICATIONS

	FD-FS1316
Optical Connector	Single Port
Source Type	Laser
Wavelength (nm)	1310, 1550nm
Spectral Width (nm)	5
Output Power (dBm)	-8 dBm adjustable +/- 1dB
Modulation	CW, 2kHz, 1kHz, 270Hz
Stability	+/- 0.1dB over 1 hr, +/- 0.2dB over 20 hrs.
Battery Life (Alkaline)	> 20 hrs. continuous use
Output Connector	ST, FC, or SC
Power	Two AA-size Alkaline or NiCad (opt.)
NiCad Charger (Opt.)	8.7-15 VAC/DC, 150mA, Tip-Positive
Operating Temperature	-10° to +40° C
Storage Temperature	-20° to + 60° C
Size	6.5"H x 3.3"W x 1.3"D (160 x 83 x 33 mm)
Weight	0.56 lbs. (250 g)