optical LED source

FS Series LED

Description

The FS Series are hand-held battery powered stabilized LED sources offering a selection of output wavelengths and connector options. Together with any of Wilcom's power meters, this team makes the perfect combination for accurately testing multimode or short-haul singlemode fiber networks, cable attenuation, point-to-point connection verification, end-to-end testing, and system installation verification.

The FS LED Sources feature both continuous wave (CW) and modulated output modes. In CW mode, the units provide extremely stable output power utilizing constant current technology to compensate for short-and long-term drift. In modulated mode, each unit provides 2kHz tones for fiber identification that is compatible with Wilcom's line of Optical Fiber Identifiers.

Each LED source will operate for more than 25 hours on two AA batteries and have a front panel Low Battery indicator.

Specifications:

	FS-8513		FS-1310	FS-850
Fiber Connectors	Dual Port		Single Port	
Wavelength (nm) (+/- 20nm)	850	1300	1300	850
Spectral Width (nm)	50	150	150	50
Source Type	LED			
Output Power (into 62.5 µm fiber)	-20 dBm minimum			
Modulation	CW & 2 kHz			
Stability	+/- 0.1dB over 8 hrs.			
Power	Two (2) AA size batteries			
Operating Temperature	-10 to +40°C			
Storage Temperature	-20 to +60°C			
Dimensions H x W x D	6.3" x 3.3" x 1.3" (160 x 83 x 33mm)			
Weight	0.56 lbs (250g)			
Warranty	1 year			
Accessories	Protective case with belt loop, carry strap and window, allowing operation while in the case, user manual and batteries			

Ordering Information:

Description	Part Number	Description	Part Number
FS-850-ST	30850016	FS-8513-ST	30851310
FS-1310-ST	30131014	FS-8513-FC	30851312
FS-1310-FC	30131015	FS-8513-SC	30851314
FS-1310-SC	30131016		

Optional Accessories

Description		Part Number
Battery Charger Kit	(110 v, with batteries)	30032241-01

Wilcom

Specifications and prices are subject to change without notice.
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