

PRODUCT SPECIFICATION SHEET

Product Name: SignalTEK® II & II-FO Fiber Optic Qualification Testers

Ports / Connections	
RJ-45 Port (Shielded)	10/100/1000Mbps Ethernet
SFP (Small Form-factor Pluggable)	Accepts 850nm and 1310nm modules
Others	USB A/B
	DC Power input
SFP-8500-0850nm Module	
Laser	Class 1 Laser EN60825-1
Compatible Fiber Types	50/125 µm or 62.5/125 µm graded index multimode fiber
Power Output	-9.5 min, -3 max dBm
Receiver Power Range	0 to -20 dBm
Max Link Length	550m (1800ft) on 50/125 µm fiber; 300m (985ft) on 62.5/125 µm fiber
Operating Temperature	-10 to 85°C (14 to 185°F)
Relative Humidity	85% non-condensing
SFP-13X0 - 1300nm Module	
Laser	Class 1 Laser EN60825-1
Compatible Fiber Types	50/125 µm or 62.5/125 µm graded index multimode fiber and 9/125mm step index single mode fiber
Power Output	-9.5 min, -2.5 max dBm
Receiver Power Range	0 to -22 dBm
Max Link Length	550m (1800ft) on 50/125 µm fiber; 300m (985ft) on 62.5/125 µm fiber; 10km (6.2mi) on 9/125 µm fiber
Operating Temperature	-10 to 85°C (14 to 185°F)
Relative Humidity	85% non-condensing
Length Measurement	
RJ-45 Port	TDR (Time Domain Reflectometer) length measurement of 1-4 pair cables to 140m/460ft
SFP Port	No length measurement of fiber optic cables
Best Error Rate Measurements	
Copper	10/100/1000Mbps. Error rates tested to IEEE 802.3ab standard
Fiber	1000Mbps. Error rates tested to IEEE 802.3ab standard

Battery Life	
Copper Testing	Approx 15 hours @ 22 tests per hour (45s Autotest)
Fiber Testing	Recommend use of AC adapters when testing fiber
Dimensions (Kit)	
Length	18.5" [46,99 cm]
Width	12.5" [31,75 cm]
Depth	4.5" [11,43 cm]