

The SSF-TKIP-500 Professional Fiber Testing Kit is a high-quality solution for network certification to TIA-568-C standards. This kit includes an Optical Power Meter and Light Source to test both multimode and single-mode installed fibers. Four wavelengths, with a range of 70 decibels (dB). The Light Source and Power Meter measure link loss, allowing calculation of the link loss budget.

The test kit is designed for efficiency and ease of operation. Features include auto wavelength identification and storage of up to 1000 test records. Data can be exported to CSV via downloadable software (PC only).

The test kit provides SC testing by default. LC testing is available with use of the included LC adapter and reference cables in the full reference cable pack. Adapters for FC-ST terminated cables are also included. All kit items are contained in a sturdy hard-sided case for easy access in the field.

The SSF-TKIP-500 provides detailed network certification to TIA-568-C standards.



KIT CONTENTS

1	Power Meter
1	Light Source
2	5.0 V Power Supply & USB-C Charging Cable
1	REFCBL-TKIP500 (MM & SM Reference Patch Cables)
2	ST Adapters (cable not included)
2	FC Adapters (cable not included)
1	SSF-SSCSC-SMADP (SC-SC Female SM ADP)
1	SSF-SSCSC-MMADP (SC-SC Female MM ADP)
1	SSF-SLCLC-MMADP (LC-LC Female MM ADP)
1	SSF-SLCLC-SMADP (LC-LC Female SM ADP)
6	Misc. LS & PM Adapters
1	SSF-1CLK-SC (SC, ST, FC @ 2.5mm cleaner)
1	SSF-1CLK-LC (LC @ 1.25mm cleaner)
1	RJ45 Tone Probe
1	Downloadable PC Software
1	Carrying Case and Strap

PART NUMBER

DESCRIPTION

SSF-TKIP-500	Cleerline™ Professional Fiber Testing Kit With Data Record
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Technical Specifications

POWER METER

OPTICAL POWER METER		
Wave Range	800~1700nm	
Connector	Universal joint FC/SC/ST	
Detector Type	InGaAs	
Power Range	-70~+10dBm	-50~+26dBm
Uncertainty	±5%	
Standard Wave	850/980/1300/1310/1490/1550/1625/1650 nm	
Custom Wave	50	
Display Resolution	Linear display : 0.1 % Logarithmic display: 0.001/0.01/0.1dBm	
Identified Frequency	270Hz, 330Hz, 1 kHz, 2kHz	
Storage	1000 items	

VISUAL FAULT LOCATION	
Wavelength	650±30nm
Output Mode	10mW
Mode	CW/1Hz/2Hz
Connector	Universal joint FC/SC/ST

RJ45 CABLE SEQUENCE	
Test Range	≤300 meters

RJ45 CABLE TRACKING (OPTIONAL)	
Test Range	≤300 meters
Tracking Mode	Digital tracking
Live/line to line search	Support

LIGHT SOURCE

LASER SOURCE		
Wavelength	850/1300±20nm	1310/1490/1550±20nm
Output Power	≤-5dBm	
Adjusting Range	0~6dB	
Adjusting Step	0.1dB/1dB	
Mode	CW/270/330/1 k/2kHz	
Stability	±0.2dB/15min (After preheating for 15 minutes)	
Connector	FC/SC	

RJ45 CABLE SEQUENCE	
Test Range	≤300 meters

OTHER CHARACTERISTICS

Display	2.8 inch color LCD , 240x320
Power Supply	Rechargeable Li-battery , 2200mAh
Wireless Interface	Bluetooth not supported
Automatic Shutdown Time	1 0min/30min/1 hour
Battery Duration	≤12 hours
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Relative Humidity	0-95% No condensation
Weight	~235g
Dimensions	140mmx32mmx73mm