

# SSF-TKIP-500 Fiber Optic Test Kit

Part: SSF-TKIP-500 Certification Kit



The Cleerline SSF-TKIP-500 Fiber Optic Test 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 SSF-TKIP-500 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 SSF-TKIP-500 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.**

## FEATURES AND BENEFITS

- 2.8" Color LCD screen with ambient light detection
- Tests both Multimode and Single Mode fibers
- Wavelengths of 850, 1300, 1310, and 1550 nm
- Wave ID – auto wavelength identification
- PC Software for data record and USB cable
- Storage of up to 1000 test records
- Built-in VFL on OPM w/ 2.5mm to 1.5 mm adapter included
- Built-in LED Flashlights on both OLS & OPM
- Built-in RJ45 sequencer & remote - both units
- Includes LC & SC 1 Click Cleaners
- Includes carrying case & strap
- Rechargeable lithium ion battery
- Included AC power supplies & charging cables



## KIT CONTENTS

1	Power Meter
1	Light Source
2	5.0 V Power Supply & USB-C Charging Cable
1	SC-SC OM3 Reference Patch Cable
1	LC-SC OM3 Reference Patch Cable
1	LC-LC OM3 Reference Patch Cable
1	SC-SC OS2 Reference Patch Cable
1	LC-SC OS2 Reference Patch Cable
1	LC-LC OS2 Reference Patch Cable
2	ST Adapters (cable not included)
2	FC Adapters (cable not included)
2	SC-SC Female Adapter
2	LC-LC Female Adapter
6	Misc. LS & PM Adapters
1	Click Cleaner SC, ST, FC @ 2.5mm
1	Click Cleaner LC @ 1.25mm
1	RJ45 Tone Probe
1	Downloadable PC Software
1	Carrying Case and Strap

## PART NUMBER DESCRIPTION

SSF-TKIP-500 Pro Fiber Optic Test Kit

CLEERLINE TECHNOLOGY GROUP, LLC

Date 05/22/2023 Rev 1.0

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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	850/980/1300/1310/1490/1550/1625/1650nm	
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