



A RIPLEY® BRAND

NEW

TTK 825

5G Wireless Fiber Optic Test Kit

Automated Inspection & OPM Testing

The TTK 825 kit provides test technicians and contractors with an all-in-one solution to their fiber optic testing needs. With automated testing capability and full wireless control, this kit ensures that fiber optic test results can be gathered quickly and reported using simple, efficient processes.

The VIS500 wireless inspection scope features a fully automated inspection process with the click of a button. The scope will automatically focus, center, zoom, analyze, and even save the analyzed image for reporting in a matter of seconds. The RP560 Bluetooth power meter includes storage for 10,000+ readings in 4 distinct project folders, Automatic Wavelength Identification, and long battery life. Both the scope and the power meter easily connect to Android, iOS, and Windows smart devices and tablets. Using this system, users can save test results, create closeout reports in the field, and send results from their phone via numerable cloud or email applications.

The TTK 825 is an all inclusive test kit designed for the most common fiber architectures found in the wireless telecom industry. The insertion (dB) loss system for single-mode loopback configurations allows users to gather test results and create simple reports for closeouts.



Features

- Automated image centering and analysis compliant with IEC 61300-3-35 standards
- Bluetooth OPM with various standard calibrated wavelengths
- Automatic Wavelength detection for testing 2 wavelengths simultaneously.
- All compatible with the easy-to-use inSpec platform available for free download via Google Play, Apple App store, or our website.
- Instant report creation with user-defined parameters in a number of report formats
- All included devices and accessories are focused on testing fiber optic cable - from FTTH & FTTA to Data Centers and Wireless Towers.



Connect wirelessly via WiFi or Bluetooth to compatible Windows, Android, or iOS smart devices to test, edit, and create reports.



Dual wavelength view allows simultaneous testing of two wavelengths at once when used with the DLS655 light source.



Backwards compatible, Interchangeable adapter tips provide inspection of many different connector types.



LED provides PASS/FAIL indication on the probe for fast verification of connector status.

For more information or to locate the nearest authorized Ripley® distributor, please visit www.ripley-tools.com or call 1 (800) 528-8665 to speak to a customer service representative.



Specifications

MONITOR / SYSTEM	
Screen	5" Multi-Touch LCD
Storage	16 GB (30,000 Images)
Battery	Lithium Ion
Battery Life	4 to 5 Hours Continuous
Battery Charge Time	2 Hours
Dimensions	5.5" x 5.75" x 2.25"
Weight	1.8 lb
Operating Temperature	0° to 50° C
Storage Temperature	-40° to 70° C

VISUAL FAULT LOCATOR	
Wavelength	635 nm
Output Power	1 mW - FDA 2 / IEC 2
Power Toggle	On-Screen Button

DUAL SINGLEMODE LASER SOURCE	
Wavelength	1310nm & 1550nm
Output Power	-5.0 dBm
Output Stability	±0.05dB (1 Hour) ±0.03dB Long-Term (15 min warm-up)
Spectral Width	5nm / 5nm
Optical Interface	SC/FC/ST/LC Interchangeable
Tone Output	2 kHz
Laser Class	Class 1 (FDA 21 CFR 1040.11)
Power	Push Button Toggle / Auto-OFF
Battery	CR2
Operating Temperature	-10° to +50° C
Storage Temperature	-30° to +60° C
Dimensions	6.1" x 0.94" x 0.75" (15.5 x 2.38 x 1.9 cm)
Weight	3 oz (85.4 g)

VIS500 INSPECTION SCOPE PROBE	
FOV (Field of View)	860µm x 640 µm
Resolution	< 1 Micron
Lighting Technique	Coaxial
Size	7" x 1" x 0.75"
Weight	0.35 lb
Connector	USB 2.0 Type A
Tip Style	Interchangeable

RP560 POWER METER	
Wavelength Range	850 nm to 1625 nm
Calibrated Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625
Measurement Range	-02: +6 to -70 dBm -04: +23 to -45 dBm
Resolution	0.01 dB
Results Displayed	dB/dBm
Detector Type	-02: InGaAs -04: Filtered InGaAs
Optical Interface	2.5 mm Universal (Adapters Available)

Ordering Information

Inspection Tip Adapters

PART NO.	DESCRIPTION
AC 040B	SC Adapter
AC 041B	SC / APC Adapter
AC 109B	SC 60-Degree Angle Adapter
AC 042B	FC Adapter
AC 043B	FC/APC Adapter
AC 104B	FC, 60° Angle Adapter
AC 044B	LC Adapter
AC 045B	LC/APC Adapter
AC 107B	LC, 60° Angle Adapter
AC 051B	OptiTap Adapter
AC 046B	ST Adapter
AC 047B	MTP/APC Adapter
AC 050B	MTP/MPO Straight Adapter
AC 048B	1.25mm Universal Adapter
AC 049B	2.5mm Universal Adapter
AC 114B	1.25mm Universal HR Adapter
AC 115B	2.5mm Universal APC Adapter
AC 116B	1.25mm Universal APC Adapter

Power Meter Adapters

PART NO.	DESCRIPTION
AC 020	2.5 mm Universal Adapter
AC 021	1.25 mm Universal Adapter
AC 026	SC Adapter for Optical Power Meter
AC 027	ST Adapter for Optical Power Meter
AC 028	FC Adapter for Optical Power Meter
AC 029	LC Adapter for Optical Power Meter
AC 126	SC/APC Adapter for Optical Power Meter

Patch Cord Accessories

PART NO.	DESCRIPTION
AC 500	SM SC-LC - 1m Simplex
AC 501	SM SC-SC - 1m Simplex
AC 502	SM LC-LC - 1m Simplex
AC 550	MM SC-LC - 1m Simplex
AC 552	MM LC-LC - 1m Simplex
AC 600	SC-SC Simplex Bulkhead Adapter
AC 601	LC-LC Simplex Bulkhead Adapter
AC 602	LC-LC Duplex Bulkhead Adapter

Cleaning Tools

PART NO.	DESCRIPTION
AC 089	One-Click Cleaner for 1.25mm & ODC Ferrules / Bulkheads
AC 099	One-Click Cleaner for 2.5mm Ferrules / Bulkheads
AC 090	1.25mm Swabs (100 per Pack)
AC 091	2.5mm Swabs (100 per Pack)
AC 092	SqR Pad & Fiber Wash Pen
AC 190	Cletop Cleaner - Type B - Blue Tape

M-DS040-02 TTK 825

Ripley ODM® brand test equipment is furnished with a 2 year warranty extending from the original date of purchase. Contact Ripley Tools for information on recalibration and repair of test equipment. Ripley makes every effort to ensure that all information in this data sheet is accurate. Ripley Tools assumes no responsibility for any errors or omissions and reserves the right to modify this document at any time without notice. Please contact Ripley ODM® brand specialists for pricing and availability of equipment.

