

TKMS840 KIT OVERVIEW



Kit Description - Singlemode & Multimode fiber optic test kit. Measures insertion loss on fiber optic cable. Saving capability for up to 12000 readings at 7 different wavelengths with free reporting Android, iOS, and Windows software included. Bluetooth communication enabled with Wave-ID testing for up to 2 wavelengths tested simultaneously.

Kit Includes:

- RP560-02 Bluetooth Optical Power Meter – With 2.5mm Adapter
- DLS655-05 850/1300/1310/1550nm Quad Laser Source with SC Adapter
- AC029 LC adapter for Power Meter
- AC802 USB Cable for data transfer
- 2x AC305 – 4 pack of AA batteries
- AC523 – LC Duplex to LC/SC SM Jumper
- AC533 – LC Duplex to LC/SC MM Jumper
- AC4500 – LC SM Loopback
- AC4600 – LC MM Loopback
- AC602 – LC Duplex Bulkhead Adapter
- AC014 – Soft Carry Pouch for accessories
- 1400-10-0001 – Hard Carry Case for instruments
- 4GB USB Flash Drive with user manual and software onboard
- AC011 Hard Carry Case for everything



A RIPLEY® BRAND

NEW

RP 560

Optical Power Meter

Bluetooth®-Enabled for SM and MM Testing

The RP 560 optical power meter provides users with a simple platform for testing fiber optic cables at all connection points in the network. A highly-navigable interface and Bluetooth functionality help to expedite the fiber testing process for busy technicians.

Capable of displaying and testing 3 wavelengths at once, the RP 560 cuts dB loss testing time in half when used with the DLS 655 laser source or DLS 650 LED source. The power meter automatically detects the wavelength output from the light source and displays the output power/loss for each detected wavelength.

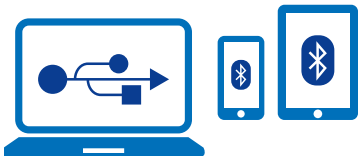
Saving data from multiple sites is as simple as identifying a new folder within the RP 560 menu and beginning the test process. All data points are automatically saved into the selected folder, so multiple sites can be tested and saved before data needs to be offloaded for reporting.

For users operating in a bench-top or manufacturing environment, the data from the RP 560 can be mirrored to a Windows®, Android™, or Apple® iOS device using USB (Windows only) or Bluetooth. Live-streaming the data to a computer or tablet allows fast sharing and report creation.



Features

- Bluetooth functionality with Android and iOS devices
- Wavelength ID mode detects signal from DLS 650/DLS 655 light sources and automatically switches wavelength settings
- 10,000+ data point storage - test multiple sites and offload data from individual folders
- Audible modulation alert for 2kHz, 1kHz, 330Hz and 270Hz tones
- Interchangeable input connector adapters
- Measures 850, 1300, 1310, 1490, 1550, 1611, 1625nm wavelengths



Connect to PC via USB or wireless device via Bluetooth to transfer data, edit readings, and create reports.



Dual-wavelength view allows simultaneous testing of two wavelengths when used with the DLS 650 or DLS 655 light source.



Unit comes with a 2.5mm universal input adapter. Additional adapters are available; see next page for a full list of adapters.



Hard-sided, padded carrying case included.

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

OPTICAL POWER METER	
Detector Type	-02: InGaAs / -04: Filtered InGaAs
Measurement Range	-02: +6 to -70dBm / -04: +23 to -45dBm
Wavelength Range	850nm to 1650nm
Selectable Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625 nm
Resolution	0.01dB
Absolute Accuracy	± 0.25 dB (0dBm, 22C to 25C)
Optical Interface	Universal 2.5mm (Additional Adapters Available)
Display	LCD
Tone ID	2kHz, 1kHz, 330Hz, 270Hz
Storage	10,000+ Measurements, 4 storage folders
Data Transfer	Micro USB or Bluetooth
Power	Push Button Toggle / Auto OFF
Battery	AA - 2 Alkaline Batteries Included
Dimensions	5.8cm x 21.5cm x 3.0cm
Weight	6 oz

Ordering Information - Accessories

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-DS028-12 RP 560

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NEW

DLS 655

Dual, Triple, or Quad Light Source

The DLS 655 optical light source provides multiple wavelength options to meet modern fiber optic testing needs. The base model outputs 1310 and 1550nm wavelengths in either single or dual mode. Triple and Quad units are also available.

When combined with the RP 560 model optical power meter, this light source can greatly reduce the time needed to test fiber cables with its automated wavelength switching feature. The unit periodically switches between available wavelengths, and the power meter recognizes each time the switch occurs, allowing multiple loss tests to be completed simultaneously.

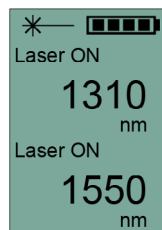
Easy removal of the included SC adapter allows the light source ferrule to be cleaned, preventing contamination of test jumpers. Additional adapters are available.

This device maintains full compliance with all FDA and CFR standards for light-emitting products.



Features

- Small form-factor for fast, simple testing in the field
- Single output port ensures faster switching when testing at multiple wavelengths
- NIST-traceable laser output
- 2kHz, 1kHz, 330Hz and 270Hz tone modulation
- Long-lasting AA batteries



Combine DLS 655 with the RP 560 optical power meter to perform fiber testing with automated switching.

Simultaneous dual or triple wavelength transmission cuts testing time in half.

Quick-change adapters allow users to adjust the DLS 655 output to match their testing situation. See next page for full list of adapters.

Hard-sided, padded carrying case included.

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Specifications

SINGLEMODE/MULTIMODE LIGHT SOURCE	
Wavelength	Several options available, see chart below
Output Power	-5.0 dBm (SM), -22.0 dBm (MM)
Output Stability	±0.05dB (1 Hour) ±0.03dB Long-Term (15 min warm-up)
Spectral Width	5nm
Optical Interface	SC/FC/ST/LC Interchangeable
Tone Output	2 kHz, 1kHz, 330Hz, 270Hz
Laser Class	Class 1 (FDA 21 CFR 1040.11)
Power	Push Button Toggle
Battery	AA - 2 Alkaline Batteries Included
Operating Temperature	-10° to +50° C
Storage Temperature	-30° to +60° C
Dimensions	5.8cm x 21.5cm x 3.0cm
Weight	6 oz

Ordering Information

PART NO.	WAVELENGTHS	DESCRIPTION
DLS655	1310nm & 1550nm	Singlemode dual wavelength laser source
DLS655-01	1310nm, 1490nm, & 1550nm	Singlemode triple wavelength laser source
DLS655-02	1310nm, 1550nm, & 1625nm	Singlemode triple wavelength laser source
DLS655-03	1490nm & 1625nm	Singlemode dual wavelength laser source
DLS655-04	1550nm & 1650nm	Singlemode dual wavelength laser source
DLS655-05	850nm, 1300nm, 1310nm, & 1550nm	Singlemode and Multimode quad laser source
DLS655-06	1310nm, 1550nm, 1490nm & 1625nm	Singlemode quad wavelength laser source

Accessories

Light Source Adapters

PART NO.	DESCRIPTION
AC 022B	SC Adapter
AC 023B	FC Adapter
AC 024B	ST Adapter
AC 025B	LC Adapter

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
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AC 190	Cletop Cleaner - Type B - Blue Tape

M-DS0029-09 DLS 655

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