

Inde P/N: IOLTK-WT-D2sc-L2sc (SC Connector) & IOLTK-WT-D2st-L2st (ST Connector)



INDE IOLTK-WT-D2xx-L2xx (xx=ST or SC) are complete optical loss Test Sets for testing singlemode & multimode fiber optic cable assemblies & links. The Kit includes Power Meter and Light sources suitable for 850nm, 1300nm, 1310nm, 1550nm.

### Scope of Supply (Model IOLTK-WT-D2xx-L2xx)

- Power Meter: Suitable for 850, 1300, 1310, 1490, 1550 nm
- Light Source MM: 850, 1300 nm
- Light Source SM: 1310, 1550 nm
- 9-Volt Batteries
- NIST Certificate
- Carrying Case
- Download Cable
- Reporter Software
- Protective Rubber Boots



### Features

- Economical option for loss testing of singlemode & multimode fibers @ 850 nm, 1300 nm, 1310 nm, 1550 nm
- Easy-to-read 4 digit 7-segment LCD display
- Stores reference values for calibrated wavelengths
- Intuitive 2-button interface on both units
- On-screen wavelength, units & low battery indication
- RS-232 interface for continuous data logging, report printing or data downloading.
- Reporter software for fiber certification reports

### Singlemode Light Source

|                   |   |
|-------------------|---|
| Launch Method     | FP Laser                                  |
| Connector         | ST or SC                                  |
| Center Wavelength | 1310 nm ±30 nm<br>1550 nm ±30 nm          |
| Spectral Width    | 2 nm (FWHM 1310nm)<br>2 nm (FWHM 1550 nm) |
| Output Power      | -10.0 dBm                                 |
| Initial Accuracy  | 0.1 dB                                    |
| Fiber Type        | Singlemode                                |
| Battery Capacity  | Display available                         |
| WxHxD             | 2.75" x 4.94" x 1.28"                     |
| Weight            | 160 grams approx.                         |

### Multimode Light Source

|                                      |   |
|--------------------------------------|---|
| Launch Method                        | LED   |
| LED                                  | ST or SC                                      |
| Center Wavelength (850 nm) (1300 nm) | 850 nm ±20 nm<br>1290 nm min.<br>1350 nm max. |
| Spectral Width                       | 35 nm (FWHM 850 nm)<br>170 nm (FWHM 1300 nm)  |
| Output Power                         | -20.0 dBm                                     |
| Initial Accuracy                     | 0.1 dB  |
| Fiber Type                           | Multimode                                     |
| Battery Capacity                     | Display available                             |
| WxHxD                                | 2.75" x 4.94" x 1.28"                         |
| Weight                               | 160 grams approx.                             |

### Optical Power Meter

|                        |   |
|------------------------|---|
| Detector               | Ge  |
| Calibrated Wavelengths | 850 nm, 1300 nm, 1310 nm,<br>1490 nm, 1550 nm |
| Backlight              | Yes   |
| Accuracy               | ± 0.15 dBm                                    |
| Resolution             | 0.01 dBm                                      |
| Battery Life           | Upto 250 hrs                                  |
| NIST Traceable         | Yes   |

|                      |                       |
|----------------------|-----------------------|
| W x H x D            | 2.75" x 4.94" x 1.28" |
| Connector            | 2.5 mm Universal      |
| Measurement Range    | +5 to -60 dBm         |
| Battery Capacity     | Display available     |
| Download Data Points | Reporter Software     |
| Data Storage Points  | upto 200              |
| Power Unit Displayed | dBm, dB, µW           |
| Weight               | 160 grams approx.     |

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