

## Key Features

### Fiber Connector Inspection

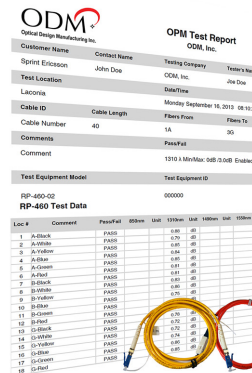
- » USB connectivity and included ODM software package provide simple plug-and-play image saving for closeout reports
- » Comprehensive PASS/FAIL analysis compliant with IEC 61300-3-35 industry standard

### dB Loss Testing

- » Optical power meter with archiving ability and live-streaming data via USB
- » Two included light sources provide standard wavelengths for testing loss in single mode and multi mode systems
- » Includes all patchcords and adapters for SC and LC connector systems

### Connector Cleaning

- » Complete dry and wet/dry cleaning system ensures removal of even the toughest endface contaminants
- » Materials included for 1000 connector cleanings

| Customer Name    | Contact Name                       | Testing Company   | Tester's Name |      |        |      |        |      |        |      |
|------------------|------------------------------------|-------------------|---------------|------|--------|------|--------|------|--------|------|
| Sprint Ericsson  | John Doe                           | ODM, Inc.         | Joe Doe       |      |        |      |        |      |        |      |
| Test Location    | Date/Time                          | Cable ID          | Cable Length  |      |        |      |        |      |        |      |
| Lacona           | Monday September 15, 2013 08:10:22 | Fiber From        | Fiber To      |      |        |      |        |      |        |      |
| Cable Number     | 40                                 | Pass/Fail         | 30            |      |        |      |        |      |        |      |
| Comments         | Test Equipment Model               | Test Equipment ID | RP-460 ID     |      |        |      |        |      |        |      |
| Comment          | 1310 & 1550nm ODB DMR Scaler       | 00000             | 00000         |      |        |      |        |      |        |      |
| RP-460 Test Data |                                    |                   |               |      |        |      |        |      |        |      |
| Loc #            | Comment                            | Pass/Fail         | dBloss        | Unit | 1310nm | Unit | 1550nm | Unit | 1550nm | Unit |
| 1                | A-Bloss                            | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 2                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 3                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 4                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 5                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 6                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 7                | A-Bloss                            | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 8                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 9                | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 10               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 11               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 12               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 13               | A-Bloss                            | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 14               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 15               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 16               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 17               | A-Verder                           | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |
| 18               | A-Bloss                            | PASS              | 0.00          | dB   | 0.00   | dB   | 0.00   | dB   | 0.00   | dB   |



**ODM's inSpec™ software for Windows included**

## Description

ODM's TTK 500 provides test technicians and contractors with high-end hardware and software to guarantee industry standard compliance in fiber optic-based telecommunications. The TTK 500 contains all equipment necessary to inspect, clean, and test fiber optic cables, while ODM's proprietary software allows for professional closeout reporting.

The VIS 300 Monitor and Fiber Inspection Scope allow testers to evaluate and grade connector endfaces using IEC standards before joining fibers, guaranteeing a clean and reliable optical connection. To properly clean connector endfaces that fail to meet the IEC standard, the TTK 500 contains a complete system of "one-click" dry cleaners and the SqR Cleaning Pad with Fiber Wash Pen for wet/dry cleaning. When used correctly, these tools can clean endfaces to meet the IEC 61300-3-35 industry standard.

The RP 460 Optical Power Meter, when used in conjunction with the DLS 355 or DLS 350 Light Sources, offers complete end-to-end dB loss readings for the most commonly used transmission wavelengths for wireless carriers. The RP 460 stores thousands of readings in non-volatile memory, so technicians can be sure that all data is secure. The Optical Power Meter can be used in conjunction with InSpec™ software to provide live readings for image archiving and closeout loss reports.

## Included in Kit

| Model   | Description  | Application   |
|---------|--|---|
| DLS 350 | Dual LED Source 850nm/1300nm with SC Connector output                                  | Multi mode light source for dB loss testing   |
| DLS 355 | Dual Laser Source 1310nm/1550nm SC Conn.   | Single mode light source for dB loss testing  |
| RP 460  | Power Meter w/ Zero dB/Set Ref, 1000 data point store & USB download                   | Power meter used with light source for dB loss measurement and storage, and USB transfer to PC for closeout documentation |
| VIS 300 | Video Inspection Scope with 4 inspection tips, 3.5" monitor w/USB and InSpec™ Software | Portable connector inspection device to view fiber endfaces and ensure connectors meet IEC standard after proper cleaning |
| AC 029  | LC Adapter for RP460 Optical Power Meter   | Allows direct connection of LC connectors to optical power meter  |
| AC 300  | CR2 Battery Kit / 5 per pack   | Spare battery kit   |
| AC 500  | LC-SC, SM, 9/125 Fiber, 1 Meter Cable  | Fiber patch cord to allow calibration of test instruments for complete system dB loss test                                |
| AC 502  | LC-LC, SM, 9/125 Fiber, 2 Foot Cable   | Fiber patch cord to allow calibration of test instruments for complete system dB loss test                                |
| AC 550  | LC-SC, MM 50/125 fiber   | Fiber patch cord to allow calibration of test instruments for complete system dB loss test                                |
| AC 552  | LC-LC, MM 50/125 fiber   | Fiber patch cord to allow calibration of test instruments for complete system dB loss test                                |
| AC 600  | SC-SC Simplex Adapter  | SC adapter to allow mating of SC connectors   |
| AC 602  | LC-LC Duplex Adapter   | LC adapter to allow access to LC duplex connector on Optical Jumper Cable   |
| AC 800  | Two (2) USB cables   | Download/stream data and images to laptop for closeout documentation  |
| AC 089  | One Click Connector Cleaner  | For LC connector ends and bulkheads for quick "dry" clean only  |
| AC 012  | ODM 17" Hard Carry Case  | Large protective carrying case for all instruments and accessories  |
| CK 125  | Cleaning Kit - fiber wash pen, wipes, 1.25mm swabs, 2.5mm swabs                        | Complete Wet/Dry cleaning system for all connector endfaces including ODC connectors and System/RF modules                |

## Accessory Kits

| Model   | Description   | Application   |
|---------|---|---|
| AC 063B | ODC Inspection and Loss Test Kit                            | Includes inspection tips and test jumpers to allow ODM equipment to verify ODC connector systems  |
| AC 065  | Single Mode Loopback and VFL Accessories (AT&T Accessories) | VF 610 red laser allows identification of breaks in fiber, single mode loopback jumpers and module allow simultaneous dB loss test of trunk pairs                       |
| AC 806  | Sprint ALU (Alcatel-Lucent) 2.5 Accessory Kit               | Multi mode loopback jumpers and module allow simultaneous dB loss test of trunk pairs - MTP/MPO inspection tip and cleaning tool allow MPO compliance to IEC 61300-3-35 |
| AC 809  | Sprint Samsung 2.5 Accessory Kit                            | Includes inspection tips and proprietary test jumper for inspection and test of 6-pin and 6-socket connectors on Sprint Samsung 2.5                                     |

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## Optical Design Manufacturing Inc.

Phone: 603-524-8350 | Fax: 603-524-8332 | sales@odm-inc.com | tech.support@odm-inc.com | [www.odm-inc.com](http://www.odm-inc.com)

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Please contact ODM Inc. for pricing and availability of equipment.