



**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		Testing Company								
Sprint Ericsson		John Doe								
Test Location		Laconia								
Cable ID		Cable Length								
Cable Number		Comments								
Comment		Test Equipment Model								
RP-460-012		RP-460 Test Data								
Loc #	Comment	Pass/Fail	dBloss	Unit	1310nm	Unit	1550nm	Unit	1550nm	Unit
1	A-Break	PASS	0.00	dB						
2	A-Connector	PASS	0.00	dB						
3	A-Adapter	PASS	0.00	dB						
4	A-Connector	PASS	0.00	dB						
5	A-Break	PASS	0.00	dB						
6	A-Connector	PASS	0.00	dB						
7	A-Adapter	PASS	0.00	dB						
8	A-Connector	PASS	0.00	dB						
9	A-Break	PASS	0.00	dB						
10	A-Connector	PASS	0.00	dB						
11	A-Adapter	PASS	0.00	dB						
12	A-Connector	PASS	0.00	dB						
13	A-Break	PASS	0.00	dB						
14	A-Connector	PASS	0.00	dB						
15	A-Adapter	PASS	0.00	dB						
16	A-Connector	PASS	0.00	dB						
17	A-Break	PASS	0.00	dB						
18	A-Connector	PASS	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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Please contact ODM Inc. for pricing and availability of equipment.