

Key Features

Fiber Connector Inspection

- » USB connectivity to included 8" tablet allows for automated and manual fiber endface inspection
- » 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 to tablet or laptop via USB
- » Included laser light source provides standard wavelengths for testing loss in single mode systems
- » Includes all patchcords and adapters necessary for testing single mode paired fiber (loopback) installations

Fiber Identification/Fault Location

- » Included red laser allows observation of bends and breaks in fibers under test

Connector Cleaning

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



ODM Optical Design Manufacturing Inc.

OPM Test Report
ODM, Inc.

Customer Name	Contact Name	Testing Company	Tester Name
Sprint Ericsson	John Doe	ODM, Inc	Joe Doe
Test Location		Date/Time	
Laconia		Monday September 16, 2013 08:10:22	
Cable ID	Cable Length	Fiber Type	Fiber Tx
	1A	Fiber 1x	00
Cable Number		Pass/Fail	
40		Pass/Fail	
Comments		Test Equipment ID	
	1310 & MinMax OSM DSB Enabled		
Test Equipment Model		Test Equipment ID	
RP-460-02		000000	

RP-460 Test Data

Loc #	Comment	Pass/Fail	dBm	Unit	1310nm	1550nm	1625nm	1550nm	1550nm	1550nm
1	A-Back	PASS	0.80	dB						
2	A-Vertex	PASS	0.70	dB						
3	A-Vertex	PASS	0.60	dB						
4	A-Vertex	PASS	0.50	dB						
5	A-Corner	PASS	0.40	dB						
6	A-Corner	PASS	0.30	dB						
7	A-Back	PASS	0.20	dB						
8	A-Vertex	PASS	0.10	dB						
9	A-Vertex	PASS	0.00	dB						
10	A-Corner	PASS	0.00	dB						
11	A-Corner	PASS	0.00	dB						
12	A-Back	PASS	0.00	dB						
13	A-Vertex	PASS	0.00	dB						
14	A-Vertex	PASS	0.00	dB						
15	A-Back	PASS	0.00	dB						
16	A-Vertex	PASS	0.00	dB						
17	A-Corner	PASS	0.00	dB						
18	A-Back	PASS	0.00	dB						



ODM's inSpec™ software for Windows included

Description

ODM's TTK 650 provides test technicians and contractors with high-end hardware and software to guarantee industry standard compliance in single mode fiber optic-based telecommunications. The TTK 650 contains all equipment necessary to inspect, clean, and test fiber optic cables, while ODM's proprietary software allows for professional closeout reporting.

The VIS 400 HD probe connects with the included 8" Windows OS tablet to allow testers to evaluate and grade connector endfaces using IEC standards before joining fibers. Manual and automated analysis modes guarantee clean and reliable optical connections. To properly clean connector endfaces that fail to meet the IEC standard, the TTK 650 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 Light Source and included jumpers, offers complete loopback dB loss readings for the most commonly used single mode wavelengths for wireless carriers. The Optical Power Meter can be used in conjunction with inSpec™ software to provide live readings for image archiving and closeout loss reports.

The VF 610 Visual Fault Locator provides a 635nm red laser source that allows technicians to view bends or breaks in optical fiber. Broken fibers must be removed from fiber optic systems to ensure full functionality.

Included in Kit

Model	Description	Application
DLS 355	Dual Laser Source 1310nm/1550nm SC Conn.	Single mode fiber light source for dB loss testing
RP 460	Power Meter w/ Zero dB/Set Ref, 1000 data point store & USB download to OpTest Software	Power meter used with light source for dB loss measurement and storage, and USB transfer to PC for closeout documentation
VIS 400	Automated Video Inspection Scope w/USB and InSpec™ Software, LC, SC, 1.25mm and 2.5mm adapter tips included	Portable connector inspection device to view connector endfaces and ensure connectors meet IEC standard after proper cleaning
TAB 008	Dell Tablet (or equivalent) with Case and Charger	Allows for touch-based fiber endface inspection with the VIS 400 HDP probe and inSpec application
AC 029	LC Adapter for RP460 Optical Power Meter	Allows LC connection to optical power meter
AC 020	2.5mm Universal Adapter for RP 460	Allows connection of all 2.5mm ferrules to power meter
AC 107B	LC 60-Degree Adapter for VIS 400	Allows inspection of LC bulkheads in distribution box (squid) and other hard-to-reach patch panels
AC 300	CR2 Battery Kit / 5 per pack	Spare Battery Kit
AC 523	LC-clipped 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 4500	SM Loopback with Lanyard	Allows for calibration of equipment and test of loopback installations
VF 610	635nm Red Laser	Allows user to observe bends and breaks in optical fiber
AC 602	LC-LC Adapter	LC adapter to allow access to LC duplex connector on Optical Jumper Cable
AC 805	Micro USB Cable	Stream live images of fiber endfaces from VIS 400 to Dell Tablet for endface inspection and closeout documentation
CK 092	SqR Pad with Fiber Wash Pen	Wet/Dry cleaning system for connector endfaces
AC 089	One Click Connector Cleaner	For LC connector ends and bulkheads for quick "dry" clean only
AC 015	Pelican Style Hard Carry Case	Large protective carrying case for all instruments and accessories

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 807	Sprint ALU (Alcatel-Lucent) 2.5 Accessory Kit	Multi mode loopback jumpers, module, and light source 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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