

Field Inspection, Test and Cleaning Kit

The proven choice among wireless contractors to provide full connector inspection, cleaning and insertion dB loss testing.

Features

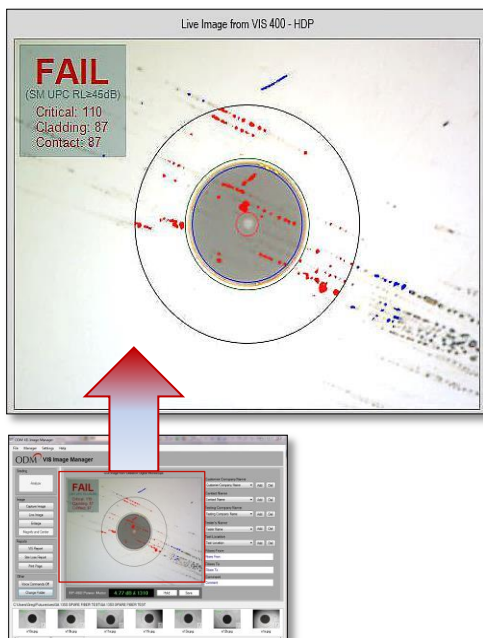
- ◆ dB loss testing with USB connectivity and streaming data software for both multimode and single mode testing
- ◆ Automatic or manual PASS/FAIL analysis, endface inspection
- ◆ VIS Image Manager Analysis Software included for customized close-out documentation.
- ◆ All cables, adapters, and complete wet/dry cleaning system for endface connectors



Description

ODM's TTK 500 is the wireless industry's standard fiber optic inspection, cleaning and test system, providing:

- Portable field inspection capabilities of connector endfaces with comprehensive Pass/Fail Analysis software, USB archive capabilities to IEC 61300-3-35
- Complete dry and wet/dry connector cleaning system accommodating up to 1,000 connector cleanings
- dB insertion loss testing on hybrid cable with USB download and storage measurement on both single mode and multimode systems
- Complete closeout documentation for all wireless carriers



VIS 400 IMAS Main Screen

The TTK 500 includes the VIS 300 Video Inspection Scope with probe and adapter tip to inspect fiber optic cable endfaces, and the VIS 300 Video Inspection Monitor to view and store the resulting high-definition image. To clean contaminated connector endfaces, use the included one-click connector cleaner and AC 092 SQR Cleaning Pad with Fiber Wash Pen.

For complete end-to-end dB loss measurements, use the RP 460 Optical Power Meter (measuring hybrid cable at 850nm, 1300nm, 1310nm, 1490nm and 1550nm) with data storage and USB download capabilities, as well as the DLS 355 Laser Light Source and DLS 350 LED Light Source. Image Manager Analysis Software provides customized close-out documentation.

Customer Name		Contact Name	Testing Company	Tester's Name			
Clearville		John Doe	ODM, Inc.	Joe Doe			
Test Location		Date/Time					
Lacombe		Tuesday March 05, 2013 08:44:33					
Cable ID	Cable Length	Fibers From	Fibers To				
Cable Number 40		Fiber From	Fiber To				
Comments		Pass/Fail					
Comment		1310 A Min/Max: 0dB /1.5dB Enabled					
Test Equipment Model		Test Equipment ID					
RP-460-02		000000					
RP-460 Test Data							
Line #	Comment	Pass/Fail	850nm	1300nm	1310nm	1490nm	1550nm
1	ALCO-Blue	PASS	0.94	0.94	0.94	0.94	0.94
2	ALCO-Orange	PASS	0.94	0.94	0.94	0.94	0.94
3	ALCO-Green	PASS	0.94	0.94	0.94	0.94	0.94
4	ALCO-Brown	PASS	0.94	0.94	0.94	0.94	0.94
5	ALCO-Slate	PASS	0.94	0.94	0.94	0.94	0.94
6	ALCO-White	PASS	0.94	0.94	0.94	0.94	0.94
7	ALCO-Red	PASS	0.44	0.44	0.44	0.44	0.44
8	ALCO-Black	PASS	0.94	0.94	0.94	0.94	0.94
9	BLCO-Blue	PASS	0.94	0.94	0.94	0.94	0.94
10	BLCO-Orange	PASS	0.94	0.94	0.94	0.94	0.94
11	BLCO-Green	PASS	0.94	0.94	0.94	0.94	0.94
12	BLCO-Brown	PASS	0.94	0.94	0.94	0.94	0.94
13	BLCO-Slate	PASS	0.94	0.94	0.94	0.94	0.94
14	BLCO-White	PASS	0.43	0.43	0.43	0.43	0.43
15	BLCO-Red	PASS	0.94	0.94	0.94	0.94	0.94
16	BLCO-Black	PASS	0.73	0.73	0.73	0.73	0.73
17	OLCO-Blue	PASS	0.94	0.94	0.94	0.94	0.94
18	OLCO-Orange	PASS	0.74	0.74	0.74	0.74	0.74
19	OLCO-Green	PASS	0.94	0.94	0.94	0.94	0.94
20	OLCO-Brown	PASS	0.94	0.94	0.94	0.94	0.94
21	OLCO-Slate	PASS	1.34	1.34	1.34	1.34	1.34
22	OLCO-White	PASS	0.94	0.94	0.94	0.94	0.94
23	OLCO-Red	PASS	0.94	0.94	0.94	0.94	0.94
24	OLCO-Black	PASS	0.94	0.94	0.94	0.94	0.94

OPM Test Report Screen

Components and Functions

MODEL	DESCRIPTION	APPLICATION
DLS 350M	Dual LED Source 850nm/1300nm with SC Connector output	Multimode fiber light source used w/RP 460 power meter for dB loss test
DLS 355M	Dual Laser Source 1310nm/1550nm SC Conn.	Single mode fiber light source used w/RP 460 power meter for dB loss test
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, also offers USB transfer to computer for closeout documentation
VIS 300-USB	Video Inspection Scope - Includes 3 1/2" monitor w/USB and Image Manager Software, Probe, Hard Carry Case, AC Adapter/Charger, 2.5mm Universal Connector Adapter, SC Bulkhead Adapter, LC bulkhead adapter and 1.25 universal adapter	Portable connector inspection device to view connector endface and ensure connectors meet IEC 825 standard after proper cleaning procedures.
AC 029	LC Adapter for RP460 Optical Power Meter	Allows LC connection 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
AC550	LC-SC, MM 50/125 fiber	Fiber patch cord to allow calibration of test instruments for complete system dB loss test
AC552	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 Adapter	SC adapter to allow legacy(Clearwire) DLS 355 to test dB loss
AC 601	LC-LC Adapter	LC adapter to allow access to LC duplex connector on Optical Jumper Cable
CK 125	Cleaning Kit - Includes fiber cleaning solution, wipes, 1.25mm swabs, 2.5mm swabs good for 300 connectors and adapters	Complete Wet/Dry cleaning system for all connector endfaces including ODC connectors and System/RF modules (300+ cleanings)
AC 094	One Click Connector Cleaner	Used for LC connector ends and bulkheads adapter for quick "dry" clean only
AC 012	ODM 17" Hard Carry Case	Protective carry case for all instruments and accessories except for AC 060



Visual Endface Inspection



dB Loss Testing



Closeout Documentation



Wet/Dry Cleaning

Options

MODEL	INCLUDES
AC 063 – Accessory Kit for Ericsson/ODC Cable	Fiber optic assembly, ODC-2 socket to LC, torque wrench for H & S cables, ODC Adapter Kit with ODC pin and socket adapters, assembly LC clipped – LC and SC Connectors Cable, Loopback with lanyard in soft ODM pouch.
AC 065 Accessory Kit	VF 610 635nm red laser in ODM Single Instrument Pouch, Assembly LC Clipped – LC and SC cable, loopback with lanyard.



AC 065 Accessory Kit



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