Code NATO: 1583G
KČM: 0062375453050

OMK-SR-OTS.2
Diagnostic Set

Description:

Diagnostic set includes measuring instruments and tools for diagnosing faults on fiber optic cables with connectors STRATOS and CTOS, and direct technical successors connectors HMA.

The OPTOKON Diagnostic Set includes two instruments - Light source and Power meter. Both instruments are housed in a hard carry case that meets the requirement of fiber optic networks installation and maintenance teams, who require rugged and lightweight fiber optic test equipment that combines high performance with ease of use and reliable operation.
The Diagnostic Set allows traceable measurements on dual wavelength and data storage to the PC. It includes the hybrid master HMA-FC patchcord for testing of military tactical networks and is comprised of these measurement instruments:

- **LS-800**   **light source**
- **PM-800**   **power meter**

  NSN: 6650-16-006-2316
  KČM: 0209009700021

Material:
Case: Copolymer Polypropylene Structural Resin
Latches: ABS
O' Ring: Neoprene sponge
Pins: Stainless Steel
Purge Valve: ABS with Gore-Tex membrane
Foam: Polyester

Standard:
MIL STANDARD MIL-C-4150J
IP67 in accordance with EN60529/91 & IEC60529/68
Air Transportation Association Spec. 300

Case Peli 1450

OPTOKON a.s., Cerveny Kriz 250, 586 02 Jihlava, Czech Republic
tel. +420 564 040 111, fax +420 564 040 134, WWW.OPTOKON.COM
s/w: 3.1   9/12/2014

Measuring equipment:

LS-800

- Small size, light weight
- Modulation CW, 270 Hz, 1 kHz, 2 kHz
- AWD function (Auto Wavelength Detection)
- Changeable output connectors
- Battery status indicator
- User manual
- Up to 7 light source combinations
- Powered by 3 AA type batteries, battery charging via USB port

PM-800

- Small size, light weight
- Up to 6 working wavelength
- Absolute and Relative optical power measurement
- Detection of modulation 270 Hz, 1 kHz, 2 kHz
- AWD (Auto Wavelength Detection) function
- Two levels high capacity memory
- SmartProtocol PC software
  - memory download
  - reporting solution
- USB
- Powered by 3 AA type batteries, battery charging via USB port
- Auto Off function
- Battery status indicator
- Easy to use with menu navigation
- Universal 2,5 mm testing adaptor

Application:

- measurement of insertion loss
- measurement of absolute and relative values
- measurement of two wavelength
- measurement of optical networks during construction and operation

Equipment included in OMK-SR-OTS.2:

Description	Qty	Note
Hard carry case	1	Peli 1450, IP67
Measuring instruments:	1	Light source: LS-800V-P2-FC-LED850-30
	1	Power meter: PM-800V
Reference patch cords:	1	PC-28OM2-J-002
HMA/FC	1	HMA-J-4xPC-LD4OM2-J-002
CTOS/FC	1	CTOS-4xPC-LD4OM2-002
HMA-HMA	1	HMA-J/LD4 OM2-J-002
Measuring adapter	1	A-FC/PC-02-240-12
USB cable	1	Storing data to PC
Polyethylene bottle with siphon	1	Includes isopropyl alcohol
Cleaning wipes	1	Cleaning connectors
External power supply	1	Charging internal battery
User manuals	2	Light source, Power meter
Quick start manual	1	Check of the route, Measuring the output of the converter LMC

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