

OFT-4212

Fiber optic 4 channels optical test station

Description:

OFT-4212 is a connector assembly test station, equipped with set of Light sources, four channel power meter and control unit with touch display.

This solution provides full automated test of up to four fiber connector with graphical guidance.

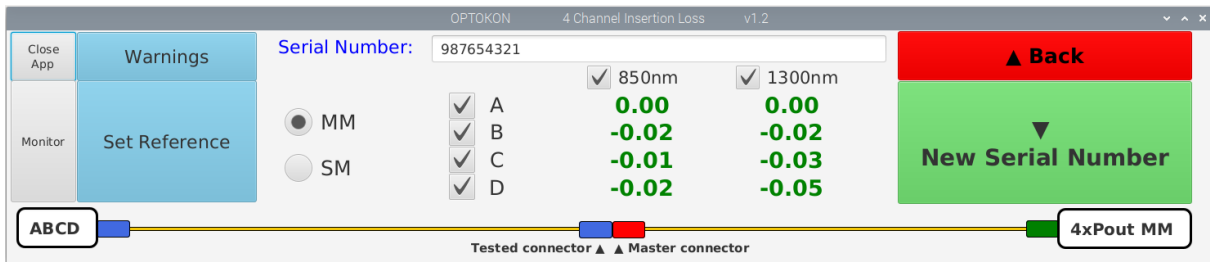
Serial numbers of tested connectors can be entered manually or by code reader.

Measured values are checked if they are within expected range, then displayed in GREEN or RED color as a warning. The automated test consists of three simple steps, Optical power referencing, Entering serial number and Insertion loss measurement. The measured data are automatically stored on local SSD.

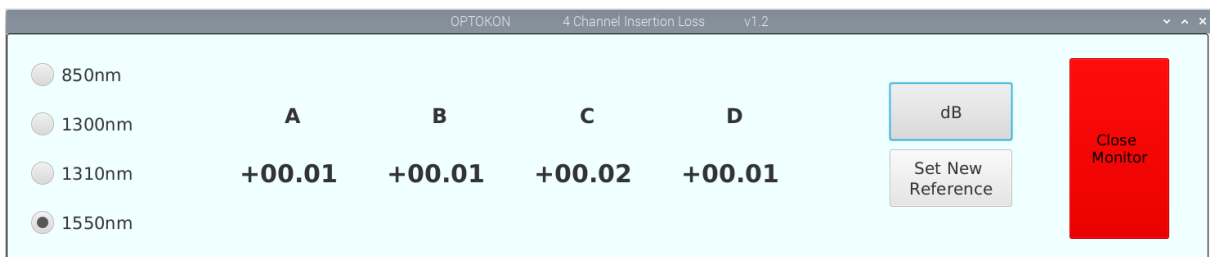


Applications:

Automated connector test with Insertion loss at 850 nm and 1300 nm for Multimode, and 1310 nm and 1550 nm for Single mode fibers:



This device can also serve as a simple Light source and Optical power meter for absolute and relative monitoring:



Specification:

Light source	
Interface	FC/APC
Working wavelengths	850, 1300, 1310, 1550 nm
Wavelength accuracy	± 2.0 nm
Wavelength stability, 24 hrs	± 0.1 nm
Output power	0 dBm
Accuracy	± 0.2 dB
Power meter	
Interface	FC, SC, LC, universal 2.5 mm or 1.25 mm
Photodetector	InGaAs Ø 1mm
Spectral wavelength	850-1700 nm
Calibrated wavelengths	850, 1300, 1310, 1550 nm
Dynamical range	+10 dBm to -65 dBm
Uncertainty	± 5 %
Resolution	0.01
Displayed units	dBm, dB
General	
Dimensions (W x D x H)	455 x 290 x 135 mm
Weight	5.6 kg

Order code:

OFT-4212-FC-85-30-31-55

MM: 850/1300 nm, SM: 1310/1550 nm, FC OUT adaptor

Accessories:

Standard:

- OFT-4212 Loss Test Set
 - 4x FC/PC Output adapters
 - 4x 2.5 mm universal Input adapters
- Manual
- Calibration certificate
- Hard carry case
- AC power cord, EU plug

Options:

- IN/OUT adapters
- Master patchcords