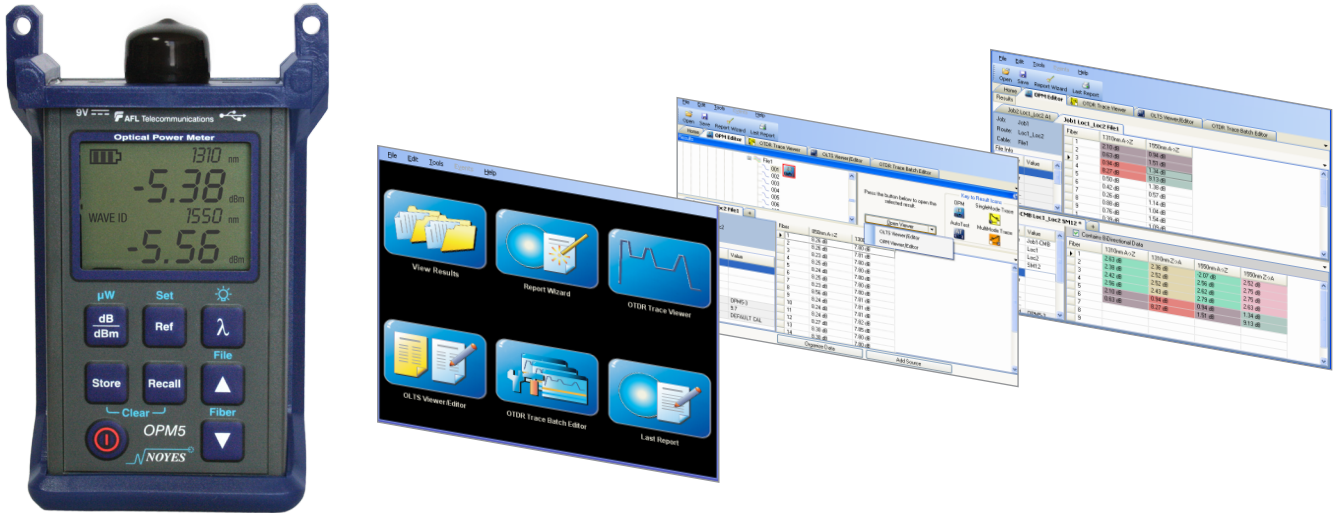


OPM5 versatile Optical Power Meter with PC Reporting Tool –TRM



Powerful Pair

The OPM5 optical power meter and TRM Test Results Management software is a powerful pair

- Increases efficiency
- Reduces technician errors
- Simple to operate with minimal training required
- Provides customized professional reports

Target Markets

Any one testing fiber links who requires report generation applications include

- Data Networks
- Telecommunications providers
- CATV
- Industrial

WaveID Increases Efficiency and Reduces Errors

- Enables users to test two wavelengths simultaneously
 - Significantly reduces test time by eliminating the need to test each wavelength individually
- Automatically detects and sets received wavelengths
 - Eliminates loss measurement errors by automatically matching OPM to transmitted wavelength

Straightforward Results Storage and Easy File Management in the Field

- Simple to use interface allows for easy separation of results into files
- Keep cable / job results separated for fast customer report generation
- Access to files and results allows for quick and easy retest of fibers

NOYES[®]

Upload test data files to PC via USB to utilize powerful data management and reporting tool – TRM

File Naming and Data Management Editor

- Manage job information (Ends, Cable ID, Comments, and Operators) to meet documentation specifications in reports
- Create Bi-directional results
- Combine results from multiple OPMs to create a complete job report
- Automatic backup of data

Create Certification Results to Industry Standards (TIA/ISO/EN and applications)

- Apply standards based rules to loss results
- Generate Pass/Fail information for each fiber
- Demonstrate compliance to industry standards

Customized Reports

- Create professional personalized reports with company logos
- Reports meet accepted industry documentation standards.
- Save common report options for quick generation of future reports
- Recall previously stored settings to save time generating reports for repeat customers
- Create Certification reports showing fiber pass/fail results based on customer/consultant specifications, Industry Standard, and Industry Applications
- Show headroom values for the primary rule (typically the industry standard)
- Use PC Analysis to verify if previously measured fibers (tested with Noyes loss test equipment) meet loss requirements of Standards and Rules

Superior Customer Support

- Dedicated customer service, technical support and field sales available to support customers
- Knowledgeable timely technical support and customer service

| Fiber | 1310nm A->Z | 1550nm A->Z |
|-------|-------------|-------------|
| 1 | 2.63 dB | -2.07 dB |
| 2 | 2.38 dB | 2.56 dB |
| 3 | 2.42 dB | 2.62 dB |
| 4 | 2.56 dB | 2.79 dB |
| 5 | 2.36 dB | 2.52 dB |
| 6 | 2.52 dB | 2.75 dB |
| 7 | 2.52 dB | 2.75 dB |
| 8 | 2.43 dB | 2.63 dB |
| 9 | 2.52 dB | 2.74 dB |
| 10 | 2.71 dB | 2.98 dB |
| 11 | 2.65 dB | 2.91 dB |
| 12 | 2.36 dB | 2.54 dB |
| 13 | 2.60 dB | 2.85 dB |

| Fiber | 1310nm A->Z | 1550nm A->Z |
|-------|-------------|-------------|
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| 8 | 2.43 dB | 2.63 dB |
| 9 | 2.52 dB | 2.74 dB |
| 10 | 2.71 dB | 2.98 dB |
| 11 | 2.65 dB | 2.91 dB |
| 20 | 2.72 dB | 2.79 dB |

| Fiber | 1310nm A->Z | 1310nm Z->A | 1550nm A->Z | 1550nm Z->A |
|-------|-------------|-------------|-------------|-------------|
| 1 | 2.63 dB | | -2.07 dB | |
| 2 | 2.38 dB | | 2.56 dB | |
| 3 | 2.42 dB | | 2.62 dB | |
| 4 | 2.56 dB | | 2.79 dB | |
| 5 | 2.36 dB | | 2.52 dB | |
| 6 | 2.52 dB | | 2.75 dB | |
| 7 | 2.52 dB | | 2.75 dB | |
| 8 | 2.43 dB | | 2.63 dB | |
| 9 | 2.52 dB | | 2.74 dB | |
| 10 | 2.71 dB | | 2.98 dB | |
| 11 | 2.65 dB | | 2.91 dB | |
| 12 | 2.36 dB | | 2.54 dB | |
| 13 | 2.60 dB | | 2.85 dB | |

MANCHESTER UNIV

Cable ID: MM 62.5 12F End1: TELCOM End2: LYONS HALL
 Port: Multimode Main Model #: CS0 Remote Model #: CS0
 Fiber Type: OM3 62.5um Main Serial #: 190200044 Remote Serial #: 160200015
 Launch Cable: 2.0 m SC Software Ver.: 1.3.3 Software Ver.: 1.3.3
 Test Cable: 2.0 m SC Cat. Num.: N/A Cat. Num.: N/A
 Test Date: 7/27/2009 3:35:28 PM Operator: SUZY Cat. Type: PATRICK
 Conn. Type: SC

Comment:

Certification Results Cabling Standard: ISO 11801 (International Standard) all cables, 50 or 62.5 µm fiber.
 Number of Connections: 2 Link Limit: 850m @ 0.5 dB, 1350m @ 0.39 dB
 Number of Splices: 0 Length Limit: 2000 Meters

| Date of Test | Time | Fiber # | Loss (dB) | Length (m) | Pass | Headroom (dB) |
|--------------|---------|---------|-----------|------------|------|---------------|
| Jul 27, 2009 | 3:35 PM | 1 | 2.63 | 1.62 | Pass | 0.031 0.174 |
| Jul 27, 2009 | 3:38 PM | 2 | 2.38 | 1.62 | Pass | 0.031 0.211 |
| Jul 27, 2009 | 3:39 PM | 3 | 2.42 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 4 | 2.56 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:37 PM | 5 | 2.36 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:38 PM | 6 | 2.52 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 7 | 2.52 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 8 | 2.43 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 9 | 2.52 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 10 | 2.71 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 11 | 2.65 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 12 | 2.36 | 1.62 | Pass | 0.031 0.170 |
| Jul 27, 2009 | 3:39 PM | 13 | 2.60 | 1.62 | Pass | 0.031 0.170 |

Authorized Channel Partner



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