OWL DataCenter 12 MPO/MTP™ Fiber Optic Testers

OWL MPO Singlemode & Multimode Sets

MULTI-PAIR FIBER links are becoming more common than single pair fiber links for high speed communications, especially in data center environments. OWL DataCenter 12 Series test kits automatically test 12-fiber MPO cables and links without requiring cassettes or fanout cables. Higher density connections (i.e. 24, 36, 48, 60 or 72) can also be tested with MPO break-out cables.

OWL MPO POWER METERS Test power, loss, and polarity on all 12 fibers in a single test • PASS/FAIL results • Save results and print reports • Shuttered MPO port keeps dust out • Multimode & Singlemode ready • Quick check mode for transceiver power measurement

OWL MPO LIGHT SOURCES Shuttered MPO port keeps dust out • Manual or automatic source output switching • Single or dual wavelength versions available • Auto-wavelength switching • Multimode & Singlemode Options available

OWL MPO SWITCHES Turns any single-fiber tester such as OTDR and power meter into an MPO tester • Shuttered MPO port keeps dust out • Wireless communication with Bluetooth enabled OWL power meters for automatic channel switching • Manual channel switching for use with other single-fiber testers such as OTDR and power meter • Multimode & Singlemode Options available
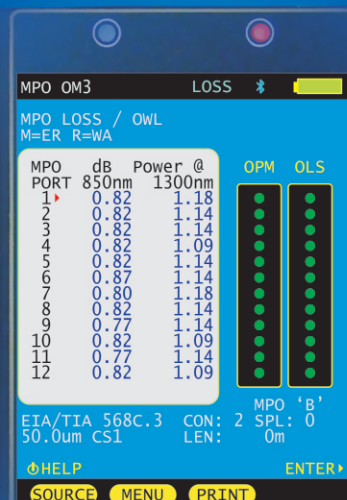
Panduit Label Printer   **OWL DataCenter 12**   **OWL MPO Sources**   **OWL MPO Switches**

Greatly streamline your workflow with OWL's MPO Testers and Label to Cable Method

Two Print Options

Reports

The OWL DataCenter 12 MPO meter can print MPO test data in two ways: to a full-page certification report via free OwlView software; and/or onto a durable label via Panduit MP100 label printers.

Make PDFs and print link analysis reports with OwlView software.

Managers and clients alike are increasingly requiring documentation of their fiber installations for many reasons: simple archiving, compliance with company-wide quality standards, or even when applying for long-term cabling system warranties.

OWL MPO
DataCenter 12 Series

Output to Paper or PDF

Output to Durable Panduit Labels

OWLView Link Analysis Report

CLIENT INFO

Name:	OWL
Phone:	262-473-0643
E-mail:	OWL-INC.COM

INSTALLER INFO

Name:	OWL
Phone:	262-473-0643
E-mail:	OWL-INC.COM

JOB INFO

Name:	OWL	Meter End: ER
Location:	HQ	Remote End: TC

LINK CERTIFICATION TEST SUMMARY

Test Rule:	EIA/TIA 568-C.3	Model:	FiberOWL
Test by:	Jim	Serial:	100003
		Fiber Type:	50.0um CS1 MPO Type B

Direction	TC -> ER		
Fiber ID	Loss @ 850	Loss @ 1300	Result
Fiber#1	0.82 dB	1.18 dB	Pass
Fiber#2	0.82 dB	1.14 dB	Pass
Fiber#3	0.82 dB	1.14 dB	Pass
Fiber#4	0.82 dB	1.09 dB	Pass
Fiber#5	0.82 dB	1.14 dB	Pass
Fiber#6	0.87 dB	1.14 dB	Pass
Fiber#7	0.80 dB	1.18 dB	Pass
Fiber#8	0.82 dB	1.14 dB	Pass
Fiber#9	0.77 dB	1.14 dB	Pass
Fiber#10	0.82 dB	1.09 dB	Pass
Fiber#11	0.77 dB	1.14 dB	Pass
Fiber#12	0.82 dB	1.09 dB	Pass

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Fiber#11	0.77 dB	1.14 dB	Pass
Fiber#12	0.82 dB	1.09 dB	Pass

Printed test reports not only provide customers with proof of the quality of their installed fiber, these reports also serve as an installer's proof of a job well done in case of disputes.

Testers
and
Switches
Singlemode and Multimode

20 Years ACCURACY QUALITY

Factory in the Heartland

Meter display (MPO OM3 / LOSS):

MPO LOSS / OWL
M=ER R=WA

MPO PORT	dB 850nm	Power @ 1300nm
1	0.82	1.18
2	0.82	1.14
3	0.82	1.14
4	0.82	1.09
5	0.82	1.14
6	0.87	1.14
7	0.80	1.18
8	0.82	1.14
9	0.77	1.14
10	0.82	1.09
11	0.77	1.14
12	0.82	1.09

OPM OLS   MPO 'B'

EIA/TIA 568C.3   CON: 2 SPL: 0
50.0um CS1   LEN: 0m

HELP   ENTER
SOURCE MENU PRINT

Panduit label:

FIBER# 1-12	EIA/TIA 568C.3	10/15/19	
dB@ 850nm 1300nm		dB@ 850nm 1300nm	
1 0.82 ✓ 1.18 ✓		7 0.80 ✓ 1.18 ✓	
2 0.82 ✓ 1.14 ✓		8 0.82 ✓ 1.14 ✓	
3 0.82 ✓ 1.14 ✓		9 0.77 ✓ 1.14 ✓	
4 0.82 ✓ 1.09 ✓		10 0.82 ✓ 1.09 ✓	
5 0.82 ✓ 1.14 ✓		11 0.77 ✓ 1.14 ✓	
6 0.87 ✓ 1.14 ✓		12 0.82 ✓ 1.09 ✓	

PANDUIT

Handheld tester display:

CABLE ID: CERT
ACME CORP / HQ WEST
M=COMPUTER ROOM I=NETWORK HUB 3

MPO PORT	dBm POWER @	OPM OLS
1	-20.00 -20.00	
2	-20.00 -20.00	
3	-20.00 -20.00	
4	-20.00 -20.00	
5	UNDER UNDER	
6	UNDER UNDER	ER
7	UNDER UNDER	
8	UNDER UNDER	
9	-20.00 -20.00	
10	-20.00 -20.00	
11	-20.00 -20.00	
12	-20.00 -20.00	

PASS BY: 1.24 dB

EIA/TIA 568C.3   CON: 2 SPL: 2
INDOOR SM   LEN: 12m

HELP   ENTER
TEST ZERO UNITS SAVE