

Universal Adapter Caps

These universal adapter caps fit all current models of OWL optical power meters. The U2.5-4 connects to 2.5mm connectors such as ST, SC, and FC, and the U1.25-4 connects to LC, MU, and other 1.25mm SFF connectors.



U2.5-4



U1.25-4

TECHNICAL NOTE: UNIVERSAL CONNECTOR PORTS

OWL optical power meters take advantage of a flexible universal connector port system which allows multiple fiber optic connector styles to connect to the same port. Fiber optic connector ferrules come in two common sizes: 2.5mm (for ST, SC, FC, etc.) or 1.25mm (LC, MU, and other SFF connectors). A universal adapter cap is available for each ferrule size.

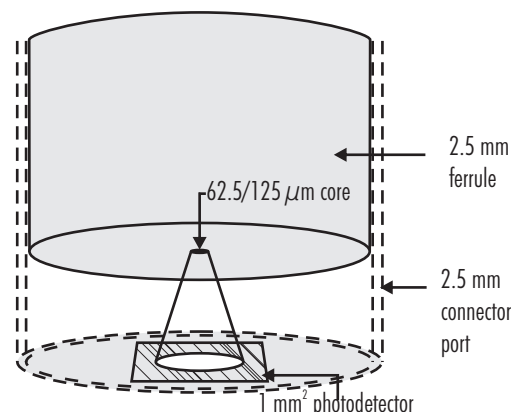
What gives our universal port its flexibility is that only the ferrule is inserted into the port. Since there is no latching mechanism to speak of, most connectors can connect to this port as long as the ferrule size matches the adapter cap.

Each cap is designed so that once the ferrule is completely inserted, the cone of light from a fiber connector falls completely onto the photodetector, regardless of how the connector may turn, twist, or wiggle in the port. Because of this, you can be assured that the optical power reading will always be accurate.

By allowing connection to multiple connector types, OWL's universal port method minimizes costs and maintenance requirements.

Please call our knowledgeable technical staff at 262-473-0643 with any questions you may have about our universal ports or any of our other fiber optic test products.

Pricing		
U2.5-4	2.5mm universal adapter cap	35.00
U1.25-4	1.25mm universal adapter cap	35.00



2.5mm Universal Connector Port Diagram

Download Cables

USB-1 OWLTrek OTDRs, and Fiber OWL 4, Micro OWL 2, and WaveTester optical power meters come configured with a USB port for connection to a PC for downloading data.

DB9-D Previous models of the Fiber OWL 4, Micro OWL 2, and WaveTester series optical power meters used this RS-232 serial cable for connection to a PC for downloading stored data. The meter connection is a 1/8" phono plug, and the PC connection is a DB9 female serial connector.



USB-1



DB9-D

Pricing		
USB-1	Replacement USB download cable	8.00
DB9-D	Duplex serial download cable	12.00

Power Transformers

Certain models of OWL test equipment come equipped with a charger port that can be used for continuous wall operation or for charging re-chargeable 9V batteries.

WS-9V-1.3 Fiber OWL 4 BOLT series power meters, and Dual OWL, Laser OWL, and WaveSource light sources

WS-9V-2.1 ZOOM 2, WaveTester and Micro OWL 2 series power meters

NOTE: using transformers while non-rechargeable batteries are in the unit may produce an unsafe condition, and may cause harm to the equipment or the user.



1.3mm →

WS-9V-1.3



2.1mm →

WS-9V-2.1

Pricing		
WS-9V-1.3	9v wall transformer (US only)-1.3mm	15.00
WS-9V-2.1	9v wall transformer (US only)-2.1mm	15.00