FIBER TOOLS

OWS200 OPTICAL WAVELENGTH SPLITTER

TESTING | TROUBLESHOOTING | ACCURACY

Product Features:

The Optical Wavelength Splitter (OWS200) is used to separate the various wavelengths that may be present in a NGPON2 system to measure each specific signal level. A standard optical power meter such as the OPM510 or OPM210 can then be used to measure each signal without the need to purchase a costly DWDM OPM. The optical loss of the OWS200 is typically less than 0.1dB and as a result has marginal influence on the measurements. Currently the OWS200 supports two individual wavelengths but systems with four and eight are also possible. The user selects the model that supports the system wavelengths that they intend to measure, which determines the model of OWS200.

Features

- High accuracy to measure specific channel wavelengths
- Eliminates the need for expensive DWDM power meters
- Low loss
- SC/APC connections
- Low return loss will not disrupt network
- Compact design
- Convenient lanyard to securely hold

Ordering Information:

CAT. NO.	DESCRIPTION
OWS201	Optical Wavelength Splitter 1490nm / 1570nm
OWS202	Optical Wavelength Splitter 1490nm / 1577nm
CC-200	Carry Case

CXR LEA

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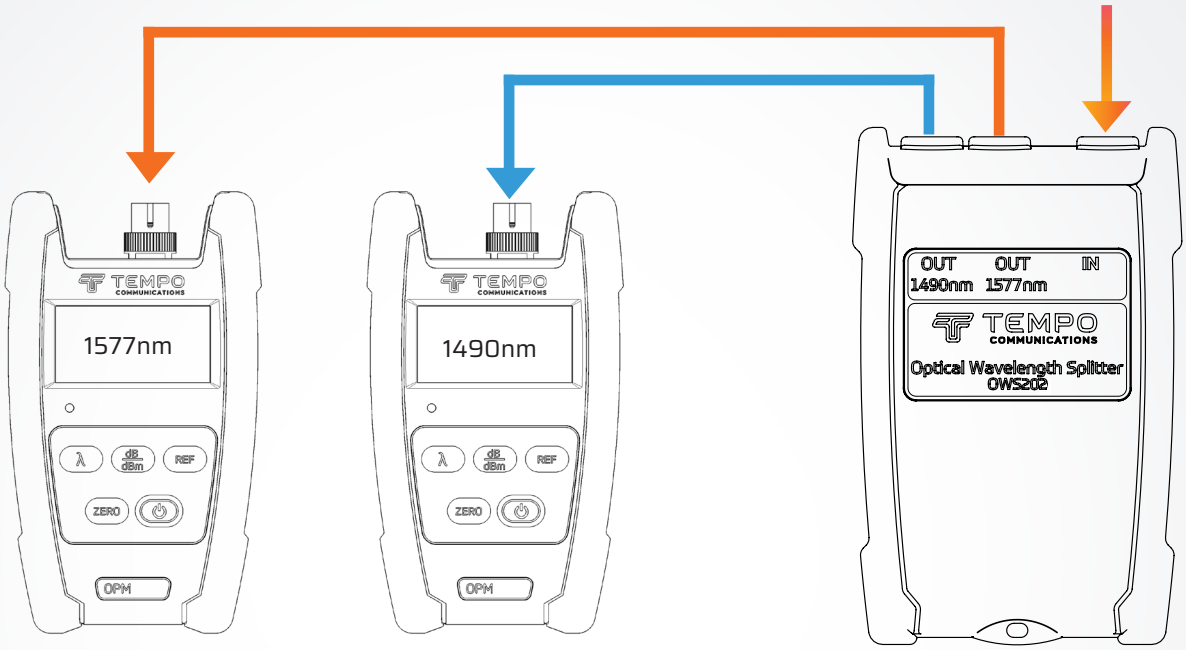
Operation

1. Connect the fiber under test to the input port.
2. Connect a standard power meter to each of the output ports.
3. Set the power meter to the closest possible calibrated wavelength for each measured signal. ie for 1577nm select the 1550nm calibration.

TYPICAL CONNECTIONS **NETWORK**



*OPM510 OPM510 OWS202

*Make sure to clean and inspect all connectors and bulkheads prior to connection.

Specifications:

Channel Count:	2/4/8 - User Defined from ITU Grid
Insertion Loss:	Typically 0.1dB (Maximum 0.27dB)
Return Loss:	<-60dB
Size:	4.3 x 2.8 x 1" (110 x 70 x 26mm)
Weight:	0.15lbs (67g)
Connectors:	SC/APC (GR326 Compliant)
Enclosure Material:	ABS
Compliance:	RoHS

Specifications are subject to change without notice.

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