

1650 OTDR WDM Pluggable Reflector

Description

The 1650 OTDR WDM Pluggable Reflector is an optical component used in the FTTH access network for filtering out the 1650 (1645 – 1655nm) wavelength and allowing the other wavelengths to pass through.

Low-profile compact design can be easily installed on the ONT side of FTTH optical networks.

Applications

- FTTH Networks
- Troubleshooting

Features

- Greater than 99.5% return ratio
- Based on Fiber Bragg Grating Filter Technology
- Pluggable design for easy installation
- Excellent environmental & mechanical stability
- RoHS compliant



SC/APC Pluggable Reflector
(pictured)

1650 OTDR WDM Pluggable Reflector

Specifications

Parameters			Specifications
Wavelength	Pass Band		1260~1360&1460~1600&1600~1625
Range (nm)	Reflection Band		1644.5~1655.5
IL	Pass Band @1260-1360	dB	≤1.4
	Pass Band @1460-1600	dB	≤1.4
	Pass Band @1600-1625	dB	≤3.4
	Reflect Band @1644.5~1655.5	dB	≥21
RL	Reflect Band @1260-1360	dB	≥35
	Reflect Band @1460-1600	dB	≥30
	Reflect Band @1600~1625	dB	≥20
	Reflect Band @1644.5~1655.5	dB	≤1.0
PDL (dB)			≤0.3
TDL (dB)			≤0.5
Ripple (dB)			≤0.5
Maximum Optical Power Handling (dBm)			27
Plug Times (Times)			500
Input/Output Connectors			*SC/APC

Parameters	Specifications		Unit
	Min.	Max.	
Operating Temperature	-20	75	°C
Operating Humidity	0	95	%RH
Storage Temperature	-40	85	°C
Storage Humidity	0	95	%RH

Ordering information

Part Number

MFT-WBF-P-1650-ALC	1650 OTDR WDM LC/APC Pluggable Reflector
MFT-WBF-P-1650-LCU	1650 OTDR WDM LC/UPC Pluggable Reflector
MFT-WBF-P-1650-ASC	1650 OTDR WDM SC/APC Pluggable Reflector
MFT-WBF-P-1650-SCU	1650 OTDR WDM SC/UPC Pluggable Reflector

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