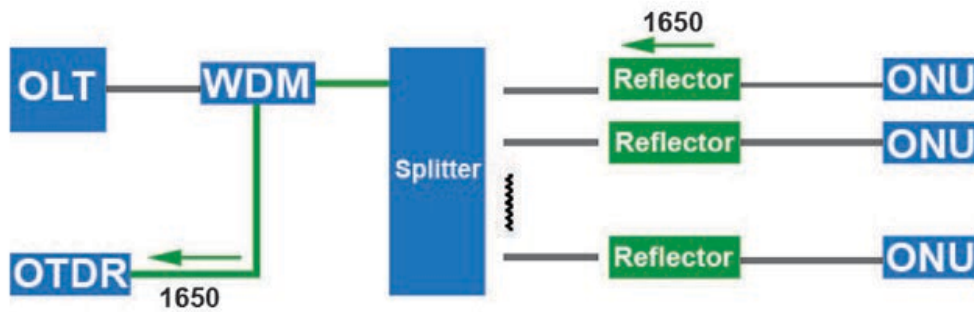


Features:

- High reflectance at test wavelength (Over 99.5%)
- Based on FBG technology
- Easy to install
- Exceptional reliability and environmental stability
- RoHS compliance

Applications:

- FTTX network
- FTTX troubleshooting



Optical Specifications:

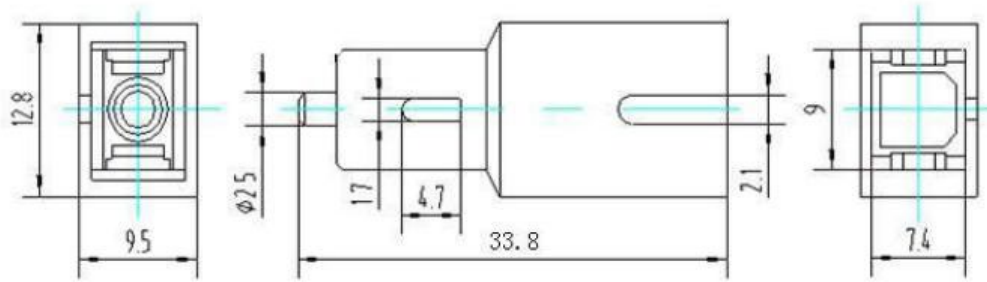
Parameters		Specification	
Wavelength Range(nm)	Pass Band	1260~1360 & 1460~1600 & 1600~1625	
	Reflection Band	1644.5~1655.5	
IL	Pass Band @1260-1360	dB	≤1.4
	Pass Band @1460-1600	dB	≤1.4
	Pass Band @1600-1625	dB	≤3.4
	Reflect Band @1644.5~1655.5	dB	≥21
RL	Reflect Band @1260-1360	dB	≥35
	Reflect Band @1460-1600	dB	≥30
	Reflect Band @1600~1625	dB	≥20
	Reflect Band @1644.5~1655.5	dB	≤1
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	

*Note: SC/UPC, LC/UPC and LC/APC type are all available on request.

Absolute Maximum Ratings

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

Mechanical Dimensions



Part Number	Description
FWRB1650	1650nm OTDR WDM Reflector