1650nm SC Fiber Reflector

AN IDEAL OPTICAL DEVICE FOR NETWORK LINK MONITORING.

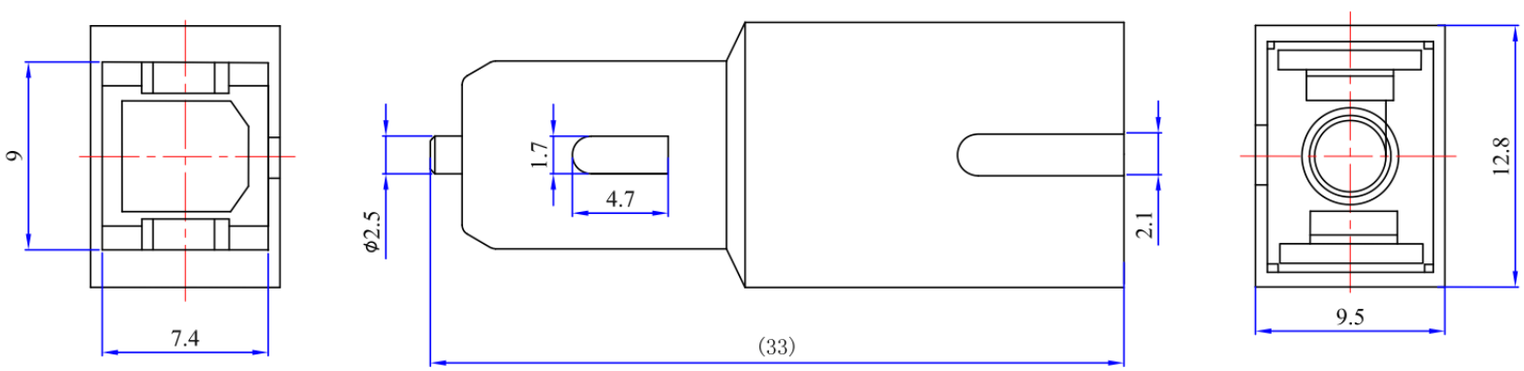
• Description

Fiber optic reflectors, also known as Fiber Bragg grating, are typically installed at the front end of the ONU network, with OTDR equipment, the network monitoring of optical link point-to-point (PTP) or point-to-multi-point (PTMP) can be realized, and the network anomaly can be reflected quickly and accurately.

• Features

- Low insertion loss
- High reflectivity
- Easy installation and other advantages, is the network link monitoring ideal optical devices
- Conforms to GR 326 , IEC 51300-2, ROHS, IEC 61754-4 standards
- Widely used in PON network, OTDR testing, central testing room, FTTX and other

• Drawing view(unit:mm):



• Technical Requirements:

1.Material: Plastic

2. Drawing size is for reference only

- Specification

Parameter		Unit	SC Fiber Reflector-Female-Male	
Work wavelength	Transmission wavelength	nm	1260-1625	1260-1600
	Reflection wavelength		1645-1655	1620-1630
Transmission wavelength	Insertion loss	dB	⩽1.4@1260~1360nm	⩽1.4@1260~1360nm
			⩽1.4@1460~1600nm	⩽1.4@1460~1580nm
			⩽2.0@1600~1625nm	⩽2.0@1580~1600nm
			>21@1645~1655nm	>21@1620~1630nm
	Return loss		>35@1260~1360nm	>35@1260~1360nm
			>35@1460~1600nm	>35@1460~1580nm
			>35@1460~1600nm	>35@1460~1580nm
			>25@1600~1625nm	⩽1.0@1620~1630nm
Reflection wavelength	Insertion loss	dB	⩽1.0@1645~1655nm	⩽1.0@1620~1630nm
PDL		dB	⩽0.4	
Ripple		dB	⩽0.6	
TDR		dB	⩽0.5	
Maximum Optical Power		dBm	⩽27	
Ferrule Type		/	PC or APC	
Transmission Direction		/	Undirectional and Bidirectional	
Operating Temperature		℃	-20~+70	
Operating Humidity		%RH	5~95	
Storage Temperature		℃	-40~+85	