FBG Reflector for Fiber Monitoring

Description

FBG Reflector can be used in FTTX fiber trouble-shooting monitoring. The combination of the OTDR and FBG Reflector can detect and locate fiber faults in minutes, protect investment of unused fibers, and reduce the cost of maintenance.

T&S FBG reflectors are designed in different encapsulation forms to fit different applications. Customized encapsulations or reflectivity are also available.

Features

- A Chirped FBG Embedded
- Comply with ITU-T G.982
- Stable and Reliable

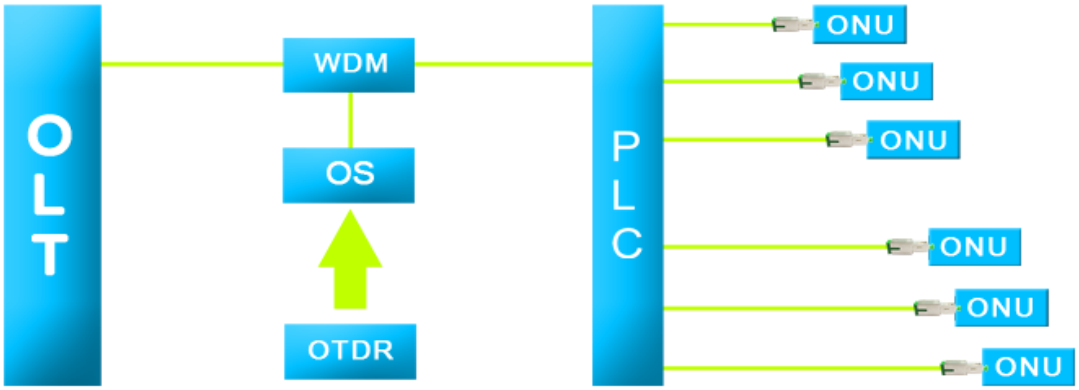

SC Adapter Type


LC Adapter Type


SC Pigtail Type

8 Jinxiu Middle Road, Pingshan, Shenzhen, Guangdong, 518118, P. R. China
+86 755 32983688 |info@china-tscom.com | www.china-tscom.com

Schematic Diagram



Specification

Parameters	P/S①	Min	Typical	Max
Pass Band (nm)	-	-	1260 - 1625	-
Reflect Band (nm)	-	-	1645 - 1655	-
IL (1260nm – 1360nm) (dB)	P/S	-	-	1.0/1.5
IL (1460nm – 1600nm) (dB)	P/S	-	-	1.0/1.5
IL (1600nm – 1625nm) (dB)	P/S	-	-	3.0/3.4
IL @ Reflect Band	-	21	-	-
RL (1260nm – 1360nm) (dB)	P/S	35/30	-	-
RL (1460nm – 1580nm) (dB)	P/S	33/28	-	-
RL (1580nm – 1620nm) (dB)	P/S	25/25	-	-
RL (1620nm – 1625nm) (dB)	P/S	20/20	-	-
RL @ Reflect Band (dB)	-	-	-	1.0
Max Optical Power (dBm)		27	-	-
Plug Times	-	500	-	-
Operation Temperature (℃)	-	-25	-	70
Operation Humidity (RH)	-	5	-	95
Storage Temperature (℃)	-	-40	-	85
Connector			SC, LC	

①: “P” stands for premium grade; “S” stands for standard grade.

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