FBG ID Reflector

Description

FBG ID reflector can be used to detect and locate fiber fault in FTTx scenario. OTDR and the reflector can detect and locate fiber faults in a few minutes and help reduce maintenance costs. T&S FBG ID reflectors are designed into different packaging forms to adapt to different applications. The package type and reflectivity can also be customized.

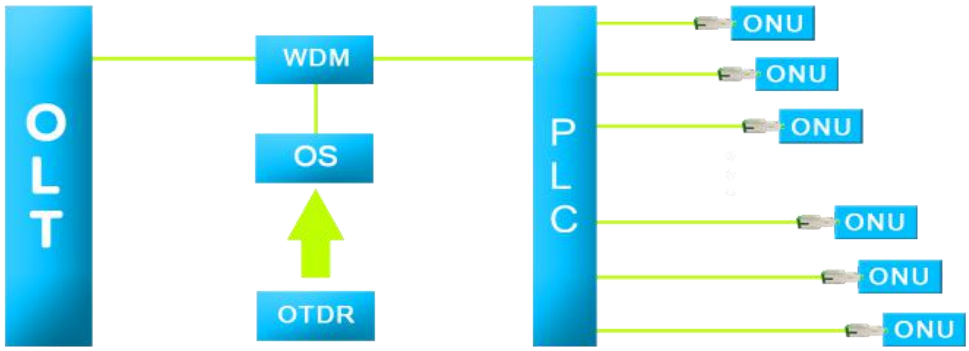
Features

- Compliant with ITU-T G.982
- Highly stable and reliable





Schematic Diagram



Specification

Item	P/S[1]	Min	Typical	Max
Pass Band (nm)	-	-	1260~1360 &1460~1610	-
Reflection Band (nm)	-	-	1645~1655	-
IL (1260nm~1360nm) (dB)	P/S	-	-	1.0/1.5
IL (1460nm~1610nm) (dB)	P/S	-	-	1.0/1.5
IL (1610nm~1625nm) (dB)	P/S	-	-	3.0/3.4
IL @ Reflect Band	dB	21	-	-
RL (1260nm~1360nm) (dB)	P/S	35/30	-	-
RL (1460nm~1580nm) (dB)	P/S	33/28	-	-
RL (1580nm~1610nm) (dB)	P/S	25/25	-	-
RL (1610nm~1625nm) (dB)	P/S	20/20	-	-
RL @ Reflect Band (dB)	-	-	-	1
Maximum Optical Power (dBm)		27	-	-
Operating Temperature (°C)	-	-25	-	70
Operating Humidity (RH)	-	5	-	95
Storage Temperature (°C)	-	-40	-	85
Connector	SC, LC			

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

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