OPTICAL FBG REFLECTOR MONODIRECTIONAL/BIDIRECTIONAL OF



Fiber Optical Reflectors with FBG Technology are used to check and verify any attenuation or inefficieny by creating reflectance at the end of a passive optical network (PON) without affecting data traffic at all.

The monodirectional model is used in the ODBs (like ROE or PTE or OTO) in order to verify the stability of the network till that point of the network, as much as close to the customer premises.

The bidirectional model is used in the street cabinets for cross-connections. This These products have been developed based on the OPEN FIBER technical specification.



PRODUCT CODE

ORF-SC-FBG-S-PL-OF / FBG-S Reflector (monodirectional with green plastic case) - Open Fiber ST1825 **ORF-SC-FBG-S-BI /** FBG-S Reflector (bidirectional with magenta plastic case) - Open Fiber ST1825

TECHNICAL FEATURES	
PASSING BANDWIDTH	Тур. 1260-1625
U BANDWIDTH	Тур. 1644.5-1655.5
INSERTION LOSS (@ 1260 NM - 1360 MN @ 1460 NM - 1610 MN / @ 1610 NM - 1625 MN)	TYP. 0.8 dB (70%) - Max 1.0 dB (100%)
INSERTION LOSS BANDA RIFLESSIONE	Min 25 dB (100%) - TYP. 29 dB (70%)
RETURN LOSS (@ 1260 NM - 1360 MN @ 1460 NM - 1610 MN)	Min. 32 dB
RETURN LOSS @ 1610 NM - 1625 MN)	Min. 25 dB
RETURN LOSS U BANDWIDTH	MIN 0 db - MAX 1 dB
RIPPLE	≤ 0.6 dB
PDL	≤ 0.4 db
TDL	≤ 0.5 db
WORKING TEMPERATURES	-25 °C + 70 °-25 / +70
STORAGE HUMIDITY	5 / 95 %RH
CONNECTOR	SC/APC Male & SC/APC Female



