

OPTICAL FBG REFLECTOR

MONODIRECTIONAL TIM



Fiber Optical Reflectors with FBG Technology are used to check and verify any attenuation or inefficiency 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.

This product has been developed based on the TIM technical specification.



PRODUCT CODE

ORF-SC-FBG-S-PL / FBG-S Reflector (monodirectional with green plastic case) - NMU 773292

TECHNICAL FEATURES

PASSING BANDWIDTH	Typ. 1260-1625
U BANDWIDTH	Typ. 1644.5-1655.5
INSERTION LOSS PASSING BANDWIDTH	≤ 1.5 DB
INSERTION LOSS U BANDWIDTH	Min. 20 dB
RETURN LOSS PASSING BANDWIDTH	Min. 22 dB
RETURN LOSS U BANDWIDTH	≤ 1.5 DB
PDL	≤ 0.5 DB
TDL	≤ 0.3 DB
WORKING TEMPERATURES	-25 °C / +70 °C
STORAGE HUMIDITY	5 / 95 %RH
CONNECTOR	SC/APC Male & SC/APC Female



DATACENTER



RETE



FTTH