



OSP cassette, RFOG Port, EPON Port, 900um fiber, SCA connector

Rev Z01

Description

OSP cassette, RFOG Port, EPON Port, 900um fiber, SCA connector

Key Features

- Low Loss and High Isolation
- High-Speed Transmission Dedicated

Applications

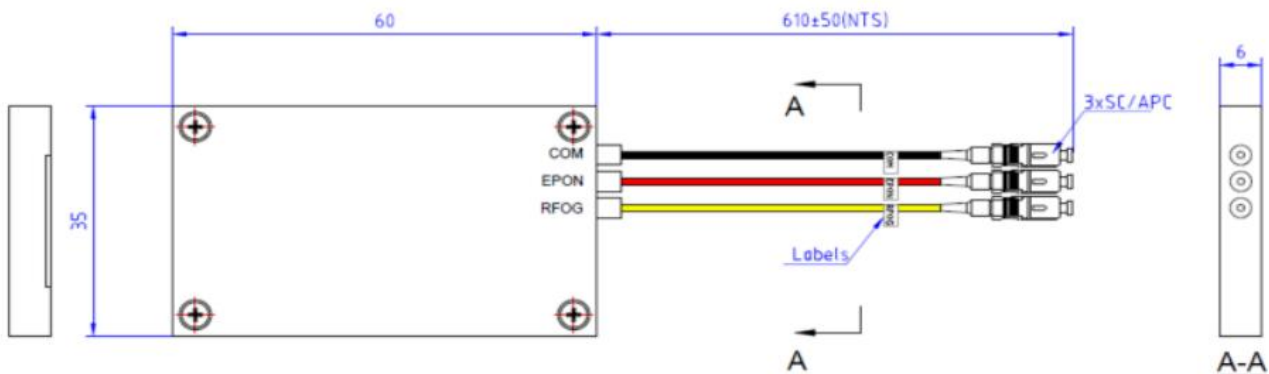
- Data Center Interconnect (DCI)
- 5G/6G Carries Fronthaul and Backhaul Networks

Specifications

Parameter	Unit	Value
RFOG Port Wavelength	nm	1540 - 1565 & 1600 - 1620
EPON Port Wavelength	nm	1260 - 1360 & 1480 - 1500 & 1575 - 1581
RFOG Port Band Ripple	dB	≤ 0.5
Insertion Loss - RFOG Port	dB	≤ 1.0
Insertion Loss - EPON Port	dB	≤ 0.8
Isolation - RFOG Port	dB	≥ 25
Isolation - EPON Port	dB	≥ 13
Insertion Loss Thermal Stability	dB/°C	≤ 0.006
Polarization Dependent Loss	dB	≤ 0.2
Directivity	dB	≥ 50
Power Handling	mW	≥ 300
Operation Temperature	°C	- 40~85
Storage Temperature	°C	- 40~85

Package Dimensions

Custom made:2/4/8/12/16/24/48CH Different module box sizes



Ordering Information

WDM-①-②-③-④-⑤-⑥

①: Channel Spacing

1 - 100G

2 - 200G

C - Custom Made

②: Wavelength

R - RFOG

C - CWDM

D - DWDM

C - Custom Made

④: Connector Type

LA - LC/APC

LU - LC/UPC

SA - SC/APC

SU - SC/UPC

⑤: Fiber Length

1 - 1.0 m

C - Custom Made

⑥: Fiber Type
G - G657 A1
E - Equivalent 900um fiber