

M E L
B Y
E

RAYCORE

Q3-S212 V2.1E

Specification of FWDM for LGX Module Type

Part Number: AWDL-Foxx-00000-00

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E



Features

- Low Insertion Loss
- High Isolation
- Low PDL
- Good channel-to-channel uniformity
- Wide Operating Wavelength:
- Wide Operating Temperature:
- From -40°C to 85°C
- High Reliability and Stability

Applications

- CWDM System
- PON Networks
- CATV Links

Compliance

- Telcordia GR-1209-CORE-2001
- Telcordia GR-1221-CORE-1999
- RoHS



Specifications

Parameters	Specifications	
Part Number	AWDL-F0Ex-00000-00	AWDL-F0Jx-00000-00
Operating Wavelength (nm)	T1310/R1490 & 1550	1310/1490/1550
Transmission Wavelength Range (nm)	1310+/-40	1310+/-40
Reflection Wavelength Range (nm)	1490+/-10 & 1550+/-10	1490+/-10 1550+/-10
Transmission IL (dB)	1.0	1310nm Port: 0.8
Reflection IL (dB)	0.8	1490nm Port: 2.0 1550nm Port: 1.8
Transmission Isolation (dB)	30	1310nm Port: 15
Reflection Isolation (dB)	15	1490nm Port: 30 1550nm Port: 15
Ripple (dB)	0.3	
PDL (dB)	0.1	
PMD (ps)	0.1	
RL (dB)	45	
Directivity (dB)	50	
Maximum Optical Power (mw)	500	
Operating Temperature (°C)	-40~85	
Storage Temperature (°C)	-40~85	
LGX Module Dimension (mm)	28.5 x 129 x 150 (1 Slot)	

Ordering Information

Part Number	Description
AWDL-F0Ex-00000-00	Optical Filter WDM for LGX Module Transmission 1310nm Reflection 1490nm & 1550nm Connector type x: Customer specified
AWDL-F0Jx-00000-00	Optical Filter WDM for LGX Module 1310nm+1490nm+1550nm Connector type x: Customer specified

Connector type (X):

- 1= SC/UPC 7= FC/PC
- 2= SC/APC 8= FC/APC
- 3= LC/UPC
- 4= LC/APC

