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RAYCORE

Q3-S214 V3.1E

Specification of FWDM 1310 & 1490/1550nm for Steel Tube

Part Number: AWDS-Foxx-00910-00

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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

RAYCORE

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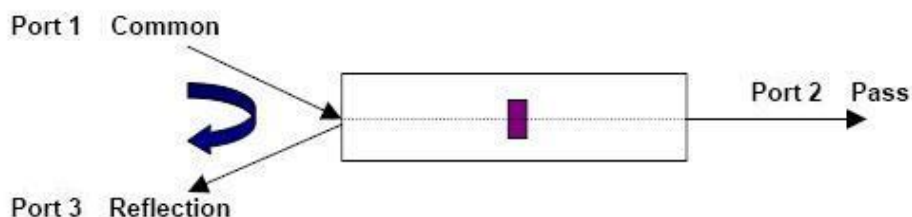


Specifications

Parameters	Specifications	
Part Number	AWDS-F0Ax-00910-00	AWDS-F0Bx-00910-00
Operating Wavelength (nm)	T1550/R1310 & 1490	T1310 & 1490/R1550
Transmission Wavelength Range (nm)	1550+/-10	1310+/-40 & 1490+/-10
Reflection Wavelength Range (nm)	1310+/-40 & 1490+/-10	1550+/-10
Transmission IL (dB)	0.8 (0.6 Typ.)	
Reflection IL (dB)	0.6 (0.4 Typ.)	
Transmission Isolation (dB)	30	
Reflection Isolation (dB)	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	
Fiber Type	900µm	
Fiber Length (m)	1.0	
Package Dimension (mm) (Φ×L)	Φ5.5*L34	
Notes:		
1. Specified without connectors.		
2. Add an additional 0.3dB loss per connector.		

Product Configurations

(Port1: Black, Port2: White, Port3: White)



Ordering Information

Part Number	Description
AWDS-F0Ax-00910-00	Optical Filter WDM for Steel Tube Transmission 1550nm Refection 1310nm & 1490nm Connector type x: Customer specified
AWDS-F0Bx-00910-00	Optical Filter WDM for Steel Tube Transmission 1310nm & 1490nm Refection 1550nm Connector type x: Customer specified

Connector type (X)

- 1= SC/UPC 5= FC/UPC
- 2= SC/APC 6= FC/APC
- 3= LC/UPC 0= None
- 4= LC/APC

