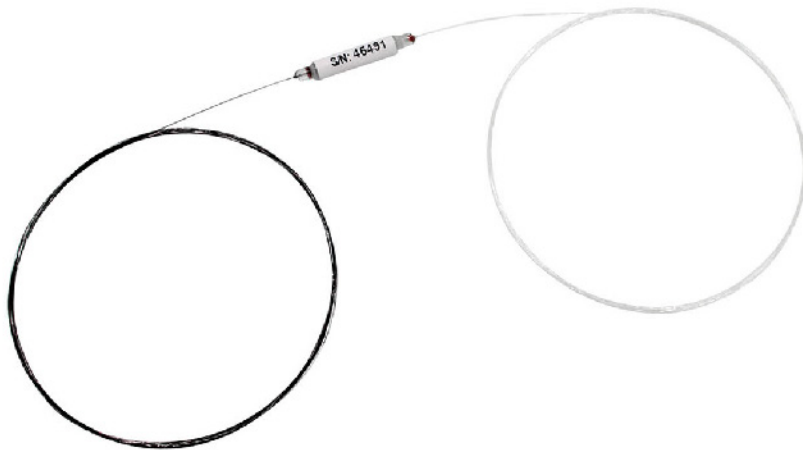


## 3 Port CWDM Device

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### Features

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- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

### Applications

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- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical Amplifier
- Access Network

### Description

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AC-UNION 3port TFF devices are available on ITU Channel of CWDM spacing. These thin film filter products utilize hermetic and epoxy-free optical patch technology to provide excellent performance and reliability. Teclordia GR1221-CORE and RoHS compliance.

# Performance Specifications

Parameter		Specification
Channel Wavelength (nm)		1270~1610
Center wavelength Accuracy (nm)		±0.5
Channel Spacing (nm)		20
Channel Passband (@-0.5dB bandwidth (nm)		>13
Pass Channel Insertion Loss (dB)		≤0.6
Reflection Channel Insertion Loss (dB)		≤0.4
Channel Ripple (dB)		<0.3
Isolation (dB)	Adjacent	>30
Isolation (dB)	Non-adjacent	>40
Polarization Dependent Loss (dB)		<0.1
Polarization Mode Dispersion		<0.1
Directivity (dB)		>50
Return Loss (dB)		>45
Maximum Power Handling (mW)		300
Operating Temperature (°C)		-20~+75
Storage Temperature (°C)		-40~+85
Package dimension (mm)		1. Φ5.5 x L38(900um Loose tube) 2. Φ5.5 x L35(bare fiber)
Above specification are for device without connector.		

## Order information

Product	Pass Channel	Fiber Type	Fiber Length	Connector
C=CWDM Device	27=1270nm	1=Bare fiber	1=1m	0=None
	.....	2=900umLoose tube	2=2m	1=FC/APC
	49=1490nm			2=FC/UPC
	.....			3=SC/APC
	61=1610nm			4=SC/UPC
				5=LC/UPC