

3port 100GHz High Power DWDM C-BAND ITU Component

FIBERWDM's DWDM ITU Components are the result of years of telecommunication experiences in thin-film filter technology.

These devices exceed the requirements of Telcordia GR-1221. They demonstrate low insertion loss and temperature insensitivity, and reliable performance in varieties system applications.



Feature

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

Application

- ◆ WDM Network
- ◆ Telecommunication
- ◆ Metro Network
- ◆ Access System

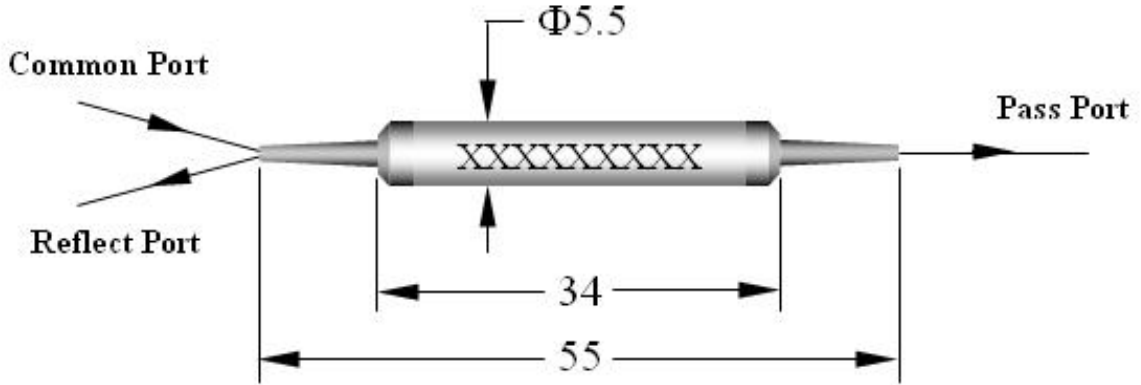


Performance Specifications

Parameter	DWDM Device	
Operating Wavelength	C-band	
Insertion Loss	Pass port	$\leq 1.5\text{dB}$
	Reflect port	$\leq 0.8\text{dB}$
Isolation	Pass port	$\geq 25\text{dB}$
	Reflect port	$\geq 12\text{dB}$
Optical Return Loss	$\geq 40\text{dB}$	
Optical Power Handling	$\geq 5\text{W}$	
Operating Temperature	-40 to $+80^\circ\text{C}$	
Storage Temperature	-40 to $+85^\circ\text{C}$	
Fiber Type/length	G657 A1, bare fiber, $1\pm 0.1\text{m}$	

Connector Type	None
Packaging Dimension	Φ5.5 x 35mm (for bare fiber)

Package Dimensions



Φ5.5x34mm (For bare fiber)

Ordering information

RD-HPD	- Package	-Connector Type	U/A	-Channel Plan	-Fiber Type	-Fiber Length
	S: Steel	0: No connector	U: UPC	C: C-BAND	25: 250um Fiber	005: 0.5+/-0.1m
	G:Glass	1: LC	A: APC	C21	90: 900um Fiber	01: 1.0+/-0.1m
		2: SC		C22		others
		3: FC		...		
		4: Others				

Example: RD-HPDS1U-C21-2505: 3Port High Power 100GHZ DWDM Pass port C21
LC/UPC 250um 0.5M Fiber Steel