

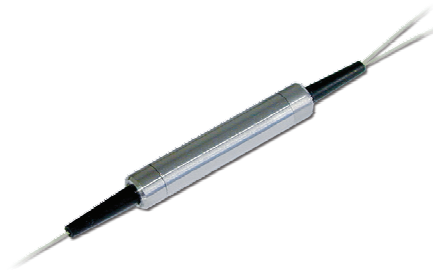
# Multi-mode Three-port Bare Channel

## Features:

- Low Insertion Loss
- High Channel Isolation
- Epoxy-Free in Optical Path
- Telcordia Compliant

## Applications:

- CWDM System
- Add/Drop System
- Unidirectional/Bidirectional Network
- Laboratory R&D



## Specifications<sup>1,2</sup>:

Parameter	Unit		Grade "A"
Channel Spacing <sup>3</sup>			20nm
Central Wavelength <sup>4</sup> ( $\lambda_c$ )	nm		1470, 1490...1590,1610
Passband	Min.	nm	$\lambda_c \pm 6.5$
Isolation	Adjacent Add/Drop Channel	Min.	30
	Non-adjacent Add/Drop Channel	Min.	40
	Express Channel	Min.	12
Insertion Loss	Add/Drop Channel	Max.	0.9
	Express Channel	Max.	0.5
Ripple in Passband	Max.	dB	0.35
Directivity	Min.	dB	45
Return Loss	Min.	dB	40
Fiber Type	62.5/125 or 50/125		
Fiber Length	Min.	m	1.0
Power Handling	Max.	mW	500
Operating Temperature	°C		0~70
Storage Temperature	°C		- 40~85
Package Dimension	mm		( $\phi$ )5.5 × (L)32 for 250 $\mu$ m fiber
			( $\phi$ )5.5 × (L)39 for 900 $\mu$ m fiber

1. All specifications include the effect of operating temperature and all states of polarization.
2. Values referenced without connectors.
3. 200G, 100G are available upon request.
4. Central wavelength like 1471,1491...1611 is available upon request.

**Dimension:**

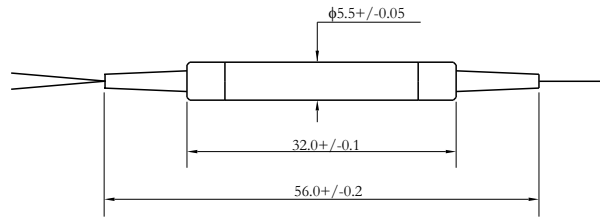


Figure 1. Package A for 250 μm fiber with SST

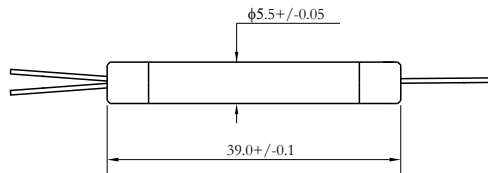


Figure 2. Package B for 900 μm fiber with SST

**Order Information:**

KOAD - XXX - X - XXXX - XXXX - XX  
A B C D E

A	WDM Type	020 = 20nm Channel Spacing
B	Grade	M = Grade "Multi-mode" S = Custom
C	Channel	1470= Central wavelength 1470 nm : 1610= Central wavelength 1610 nm
D	Fiber Type	050S=50/125/250 μm bare fiber 625S=62.5/125/250 μm bare fiber 050L=50/125/250/900 μm loose tube 625L=625/125/250/900 μm loose tube 0000=Custom
E	Connector	NN=W/O connector XY=With connector <sup>1</sup>

1. Please specify the type of connector as below when ordering.

Mechanical Type	SC	FC	ST	MU	LC
X	1	2	3	4	5
Physical Contact Type	PC	UPC	APC		
Y	1	2	3		