



## 1310/1550nm Singlemode Wavelength Division Multiplexer

### Features

- Low Insertion Loss
- High Isolation
- Compact Size
- Top Quality-Price Ratio

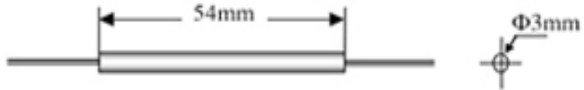


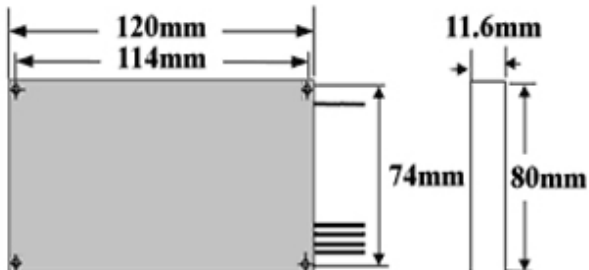
### Applications

- Long-Haul Uni and Bi-Directional Telecommunications System
- Digital, Hybrid and Am-video Systems
- High-Speed Multi-Wavelength Systems
- CATV Links & Fiber Sensors

### Performance Specifications:

Parameter	Unit	Spec
Operating Wavelength	nm	1310 / 1550 $\pm$ 15nm
Grade	nm	P
Insertion Loss	dB	$\leq$ 0.35dB
Isolation	dB	$\geq$ 15dB
Polarization Dependent Loss	dB	$\leq$ 0.10dB
Directivity	dB	$\geq$ 50dB
Return Loss	dB	$\geq$ 50dB
Optical Power	mW	300Mw
Operating Temperature	$^{\circ}$ C	0 to +70 $^{\circ}$ C
Storage Temperature	$^{\circ}$ C	-40 to +85 $^{\circ}$ C
Fiber Type	/	Corning singlemode SMF-28 Ultra
Fiber Pigtail Length	m	1m or custom length
Port Configuration	/	1x2 or 2x2
Package Dimensions	mm	Package A, B, C, D

Note: All values referenced are without connectors. With connector, IL increase 0.3dB, RL decrease 5dB.

<b>Package Dimensions:</b>	
Package A: 3mm x 54mm stainless steel tube	
Package B: 3mm x 60mm stainless steel tube	
Package C: 8.5mm x 14mm x 98mm case	
Package D: 11.6mm x 80mm x 120mm	
<b>Pigtail Style:</b>	
Package A:	250um bare fiber
Package B:	250um bare fiber or 900um loose tube
Package C, D:	3mm cable or 900um loose tube



## Ordering Information:

S-D	Grade	Wavelength	Port	Package	Pigtail Style	Fiber Length	In/Out Connector
	□	□□	□□□□	□	□	□	□□
	P= P Grade	35=1310/1550	0102=1x2 0202=2x2	A= Package A B = Package B C = Package C D = Package D	1=Bare Fiber 2=900um tube 3=3mm Cable	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/PC 7=LC/APC

**For Example: S-D-P-35-0102-B-2-2-11**