

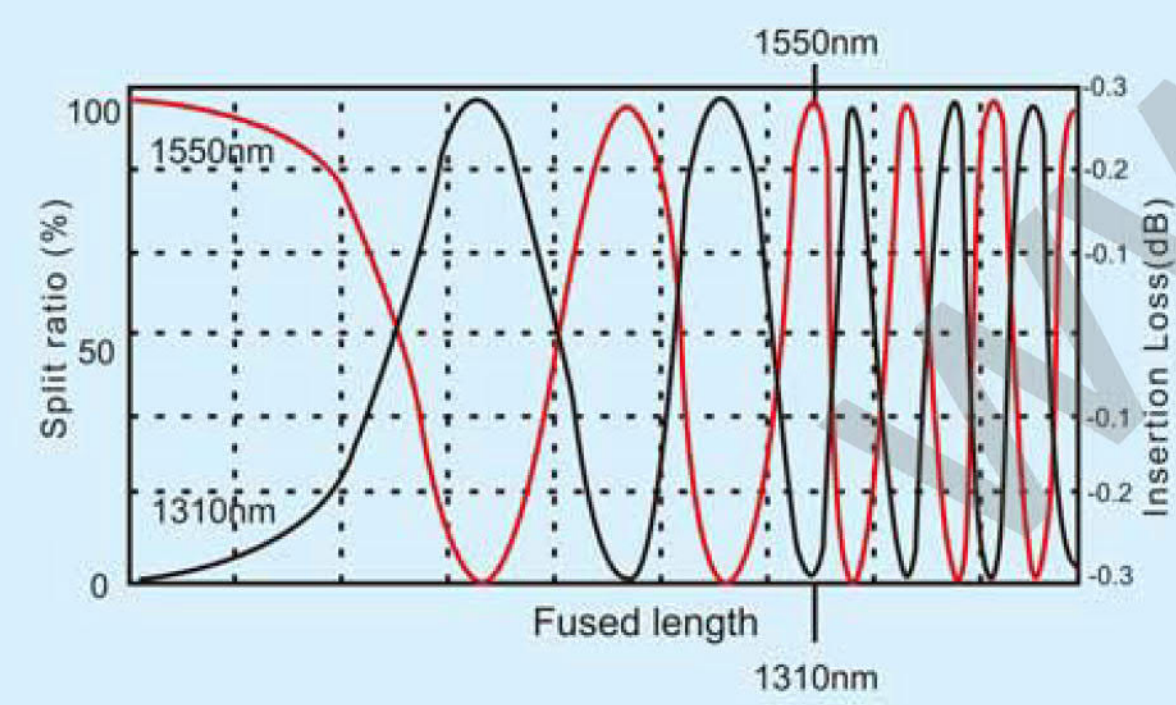
1310/1550nm Fused Wavelength Division Multiplexer (WDM)

Features

- Low insertion loss
- High isolation
- Compact size

Applications

- Long-haul uni and bi-directional telecommunication system
- Digital, hybrid and AM-video system
- High speed multi-wavelength system
- CATV link & fiber sensor



Performance Specifications

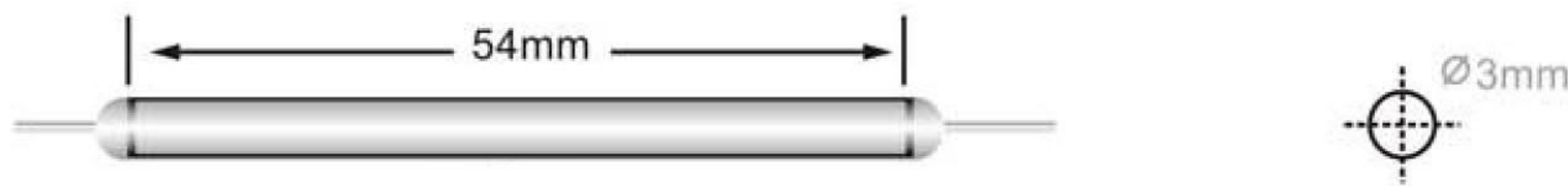
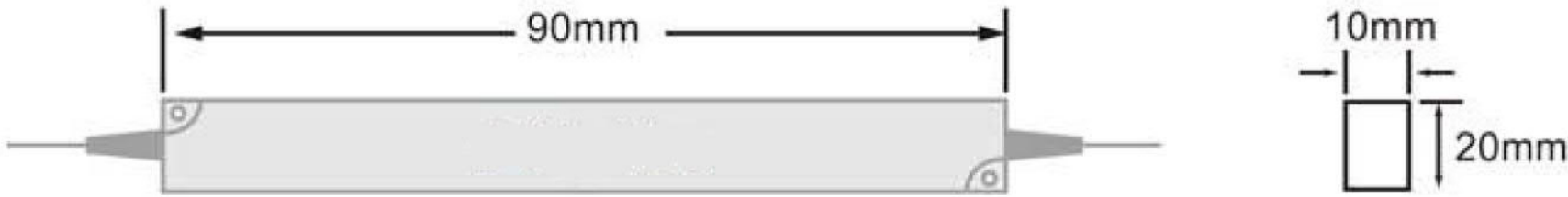
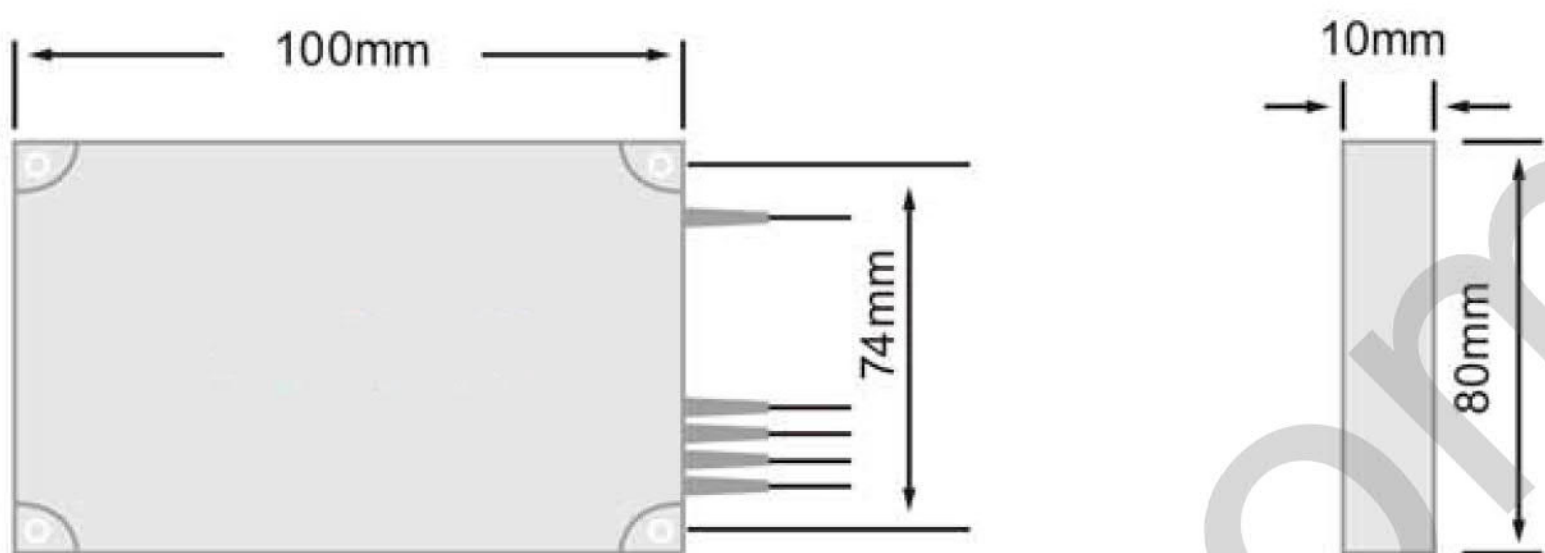
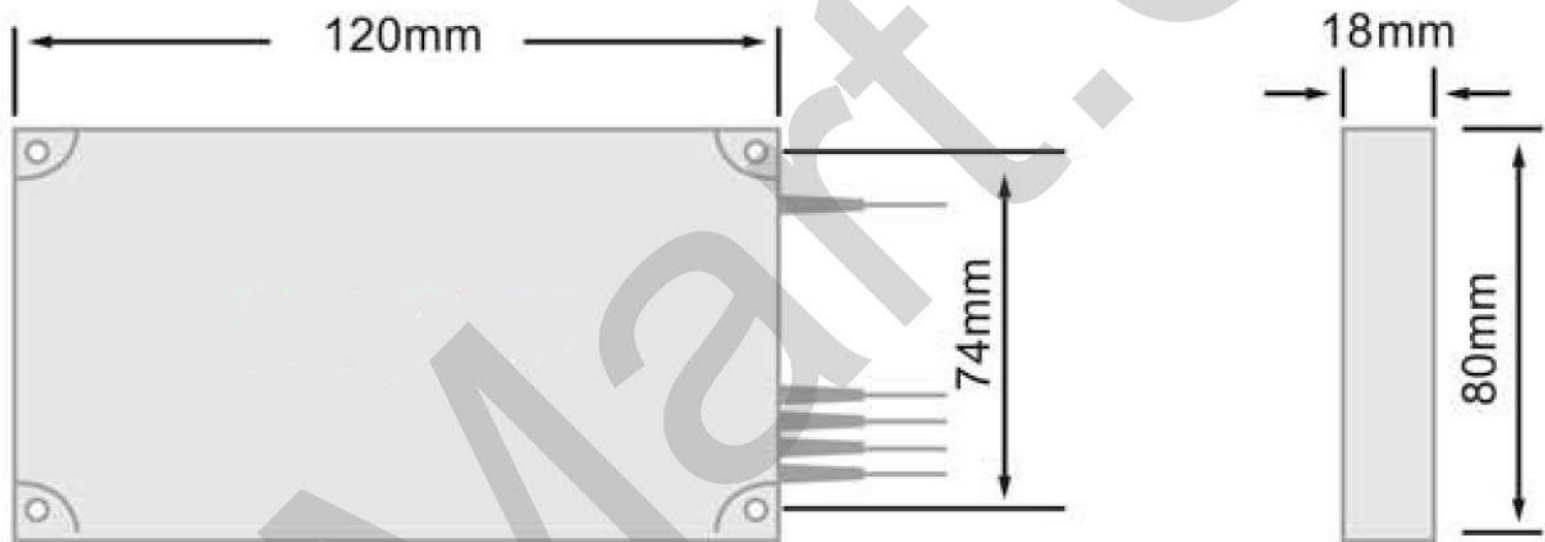
Type	WA	WB	WC
Grade	P Grade	P Grade	P Grade
Insertion Loss (Max.) (dB)	0.3	0.7	1.2
Isolation (dB)	≥17	>34	>45
PDL (dB)	≤0.05	<0.10	<0.15
Operating Wavelength (nm)	1295~1325/1528~1565		
Return Loss (dB)	≥50		
Directivity (dB)	≥55		
Operating Temperature (°C)	-10 ~ +70		
Storage Temperature (°C)	-40 ~ +85		
Fiber Type	Corning singlemode SMF-28		
Fiber Pigtail Length (m)	1m or Specify		
Port Configuration	1x2 or 2x2		
Dimension (mm)	1,2,3,4	3,4	3,4

Note: All values referenced are without connector.

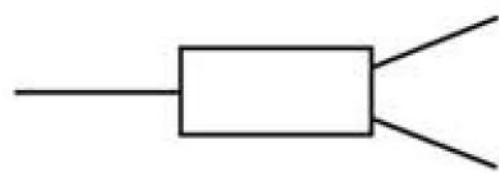
Ordering Information

☐	☐	☐	☐	☐	☐	☐	☐
Grade	Wavelength	Coupling Ratio or Attenuation (dB)	Port	Package	Fiber Diameter	Fiber Type	Connector
P	35=1310/1550nm	WA=Type A WDM WB=Type B WDM WC=Type C WDM	0102=1x2 0202=2x2	1=Ø3x54mm 2=90x20x10mm 3=100x80x10mm 4=120x80x18mm	0=250µm 1=900µm 2=2.0mm 3=3.0mm	1=9/125 S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify

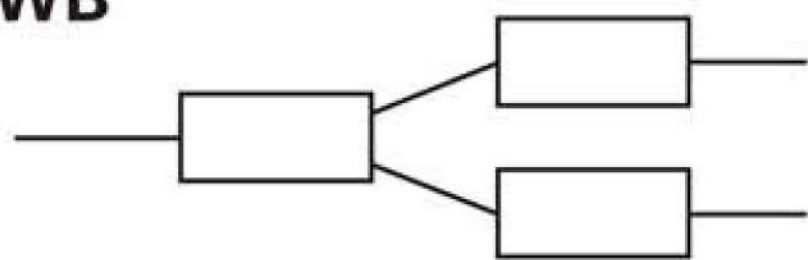
Package Dimensions & Pigtail Styles

1310/1550 WDM Package Dimensions:	
Package 1: 3mm x 54mm stainless steel tube	
Package 2: 90mm x 20mm x 10mm	
Package 3: 100mm x 80mm x 10mm	
Package 4: 120mm x 80mm x 18mm	
Pigtail Styles:	
Package 1:	250µm bare fiber or 900µm loose tube
Package 2,3,4:	2mm, 3mm cable or 900µm loose tube

WA



WB



WC

