

980/1550nm 1480/1550nm Fused Wavelength Division Multiplexer (WDM)

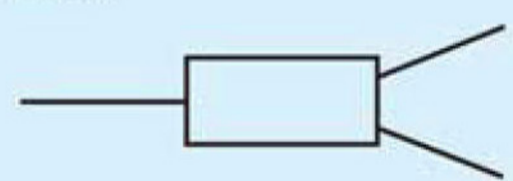
Features

- Low insertion loss
- High isolation

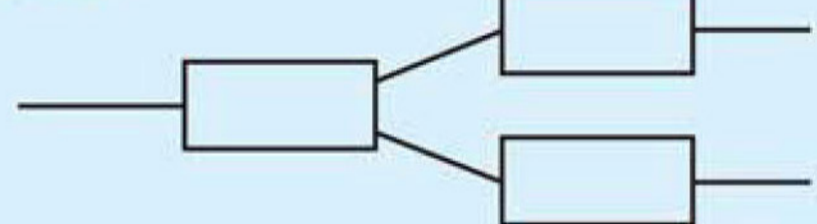
Applications

- Erbium doped fiber amplifiers (EDFA)

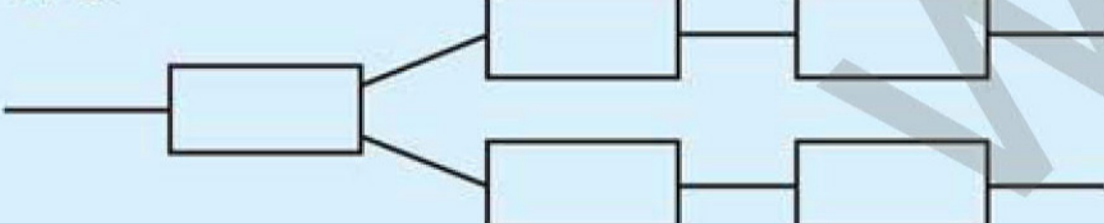
WA



WB



WC



Performance Specifications

Type	980/1550nm WDM		1480/1550nm WDM	
	P Grade	A Grade	P Grade	A Grade
Grade	P Grade	A Grade	P Grade	A Grade
Insertion Loss (Max.) (dB)	≤0.20	≤0.25	≤0.25	≤0.35
Isolation (dB)	≥20	≥18	≥16	≥14
Polarization Sensitivity (dB)	≤0.05	≤0.1	≤0.1	≤0.15
Operating Wavelength (nm)	980 ±10/1550 ± 20		1480/1550 ± 5	
Directivity (dB)	≥60			
Operating Temperature (°C)	-10 ~ +70			
Storage Temperature (°C)	-40 ~ +85			
Fiber Type	OFS980 or HI 1060 or 1060 FLEX		Corning 980 , Corning SMF-28e	
Fiber Pigtail Length (m)	1m or Specify			
Port Configuration	1x2 or 2x2			
Dimension (mm)	Package 1, 2, 3			

Note: All values referenced are without connector.

Package Dimensions & Pigtail Styles

Package Dimensions:

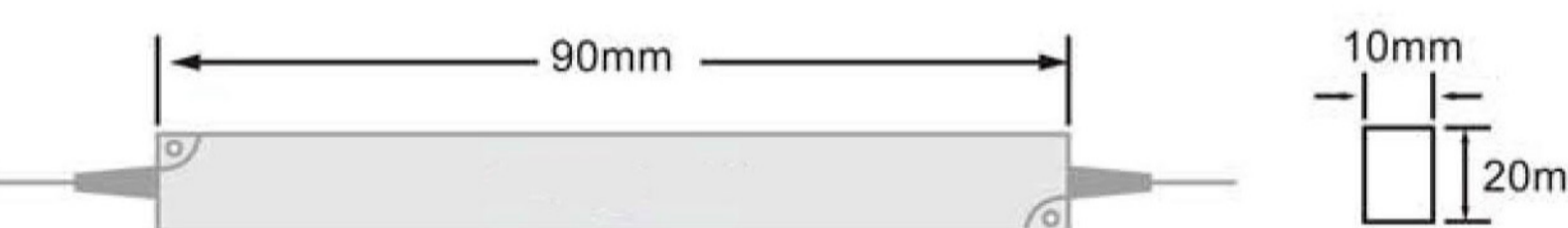
Package F: Ø3mm x 54mm stainless steel tube



Package G: Ø3mm x 60mm stainless steel tube



Package H: 90mm x 20mm x 10mm



Pigtail Styles:

Package 1: 250µm bare fiber or 900µm loose tube

Package 2: 250µm bare fiber or 900µm loose tube

Package 3: 2mm, 3mm cable or 900µm loose tube

Ordering Information

Grade	Wavelength	Coupling Ratio or Attenuation (dB)	Port	Package	Fiber Diameter	Fiber Type	Connector
P A	95=980/1550nm 45=1480/1550nm	WA=Type A WDM WB=Type B WDM WC=Type C WDM	0102=1x2 0202=2x2	1=Ø3x54mm 2=Ø3x60mm 3=90x20x10mm 4=100x80x10mm	0=250µm 1=900µm 2=2.0mm 3=3.0mm	0=SMF-28 1=OFS 980 2=HI1060 3=HI1060 Flex 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