

Flyin Fused Wavelength Division Multiplexer (1310/1550nm)

Flyin Optronics' Singlemode wavelength division multiplexer WDM 1310/1550 1X2 2X2 combine or separate light at different wavelengths. They offer very low insertion loss, low polarization dependence, high isolation and excellent environmental stability. These components have been extensively used in CATV, WDM networks, Fiber sensor and fiber optics instrumentation.

All Flyin Optronics' products are Telcordia qualification tested.

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



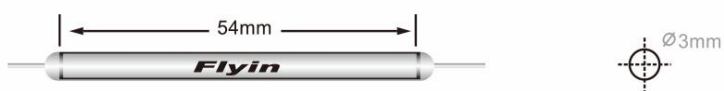


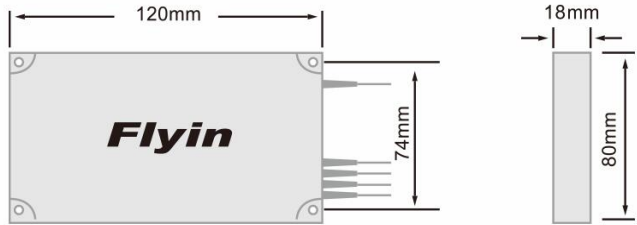
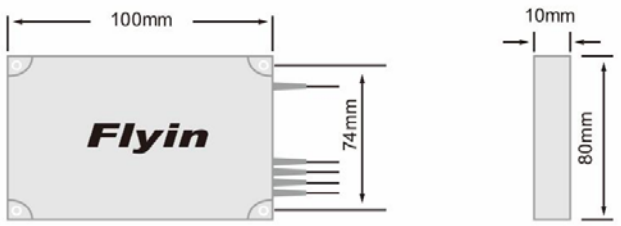
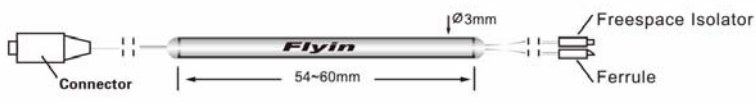
Performance Specifications

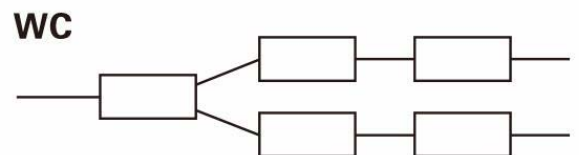
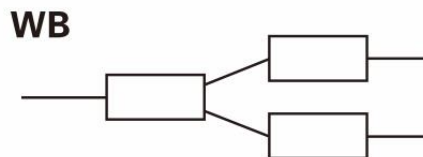
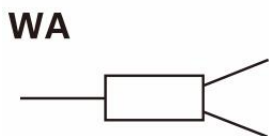
Type	WA		WB	WC
	P	A	P	P
Grade	P	A	P	P
Insertion Loss (Max) (dB)	0.3	0.4	0.7	1.2
Isolation (Min.) (dB)	≥17	>16	>34	>45
PDL (dB)	≤0.05	<0.10	<0.10	<0.15
Operating Wavelength (nm)	1295 ~ 1325/1528 ~ 1565			
Return Loss (Min.) (dB)	≥55			
Directivity (dB)	≥55			
Operating Temperature (°C)	-10 ~ +70			
Storage Temperature (°C)	-40 ~ +85			
Fiber Pigtail Length (m)	1 m or custom length			
Fiber Type	Corning singlemode SMF-28			
Port Configuration	1x2 or 2x2			
Package Dimension	F,G,H,1,4		1,3	1

Note: All values referenced are without connector.

Package Dimensions & Pigtail Style

1310/1550 WDM Package Dimensions:

Package F: 3mm x 54mm stainless steel tube	
Package G: 3mm x 56mm stainless steel tube	
Package H: 10mm x 20mm x 90mm case	
Package 1: 18mm x 80mm x 120mm	
Package 2: 10mm x 80mm x 100mm	
Package 3: 3mm x 54(54~60)mm stainless steel tube	
Pigtail Style:	
Package F:	250um bare fiber
Package G:	250um bare fiber or 900um loose tube
Package H, 1, 2:	2mm,3mm cable or 900um loose tube
Package 3:	900um loose tube



Ordering Information

X	X	XX	XX	XXXX	X	X	X	XX
Type	Grade	Wavelength	Type	Port	Package	Pigtail Style	Fiber Type	In/Out Connector
D	P A	35=1310/1550nm	WA=Type A WDM WB=Type B WDM WC=Type C WDM	0102=1x2 0202=2x2	F=F type G=G type H=H type 1=1 type 2=2 type 3=3 type	1=Bare Fiber 2=900um loose tube 3=2mm cable 4=3mm cable	0=SMF-28 1=Corning Flexcore D=DS Fiber X=Special	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC X=Special