

1310/1490nm Single Mode Fiber WDM



Product Features

- Low PDL
- Low Insertion Loss
- High Isolation
- High Return Loss
- Stable and Reliable

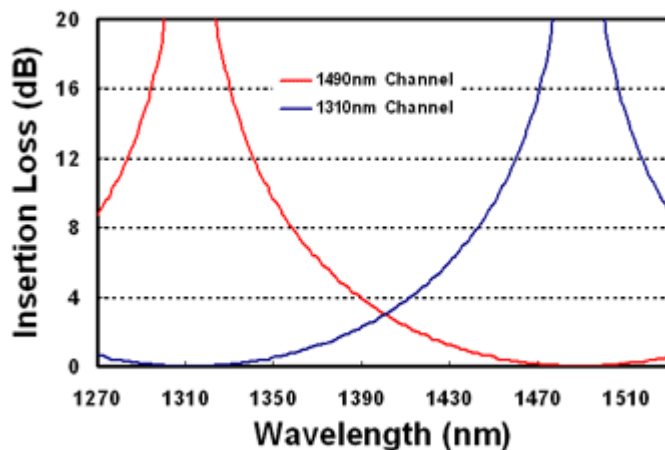
Product Applications

- Optical Communication System
- Optical Fiber Amplifier
- CATV System
- Passive Optical Network

Specifications		1310/1490nm	
Parameter	Unit	Premium	A grade
Shorter Wavelength Channel	nm	1310±10	
Insertion Loss	Max. dB	0.3	0.4
PDL	Max. dB	0.1	0.15
Isolation @ 1490±10 nm	Min. dB	17	16
Longer Wavelength Channel	nm	1490±10	
Insertion Loss	Max. dB	0.3	0.4
PDL	Max. dB	0.1	0.15
Isolation @ 1310±10 nm	Min. dB	17	16
Return Loss*	Min. dB	50	45
Operating power	Max. W	5	
Operating Temperature	°C	-40 to +85	
Storage Temperature	°C	-50 to +85	
Package Type	mm	S13	Ø3x66: for bare fiber
		S9	Ø3x76: for 0.9mm loose tube
		M1	9x16x90: for 0.9mm loose tube or 2mm cable or 3mm cable

* Test at central wavelength only.

Typical Spectrum



Ordering Information

W	D	M			O	O						
Wavelength	Structure	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector					
D=1310/1490nm	1=1x2 2=2x2	P=Premium A=A grade	C=S13 8=S9 D=M1	1=SMF-28e	S=250um bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	0=0.5m 1=0.75m 2=1.0m S=Specify	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC B=SC/PC					

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.