

Mini Size Wavelength Division Multiplexer Coupler

Features	
Low IL & Low PDL	
Mini Size	
High Isolation	
High stability and reliability	
Application	
EDFA modules	
WDM systems	
Testing instruments	

Specifications

Parameter	Type	980/1550,980/1590 WDM		1310/1550 WDM	
	Operating wavelength (nm)		980 and 1550 or 980/1590		1310 and 1550
Operating bandwidth (nm)		±10/20		±15	
Grade		P	A	P	A
Insertion loss (dB)		≤0.25	≤0.35	≤0.25	≤0.35
Isolation (dB)		≥20	≥18	≥17	≥16
PDL (dB)		≤0.05	≤0.1	≤0.05	≤0.1
Directivity (dB)		≥55			
Operating temperature (°C)		-40 ~ +85			

Package Information

Configuration	1×2 or 2×2				
Pigtail length	0.8 meter, others on request		1 meter, others on request		
Fiber Type	HI1060 FLEX or HI1060 or BF05635-02		SMF-28e		
Pigtail type	250um bare fiber				
Package dimension (φ×L) (mm)	φ2.4×25; φ2.4×30; φ3.0×30; φ3.0×35;		φ2.4×30;	φ3.0×30;	φ3.0×35;

Ordering Information

WDMC	Grade	Wavelength	Port	Pigtail Type	Fiber Type	Length	Connector	Package
	P	980/1550	1x2	250=250um bare	1=SMF-28	0.8=	NC=None	2.4x25
	A	1310/1550	2x2	fiber	4=HI1060F	0.8m	FA=FC/APC
				900=900um	LEX	X:other	FC=FC/UPC	
				loose tube	X=Other		SA=SC/APC	
				2000=2mm loose			SC=SC/UPC	
				tube			LC=LC/UPC	
				3000=3mm loose			LA=LC/APC	
				tube			XX=Other	