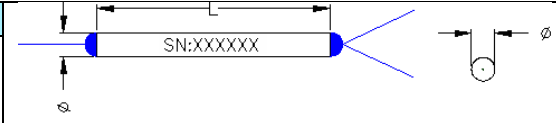


## Fused WDM Coupler (980/1550, 1480/1550, 1310/1550, 980/1064 etc)

<b>Features</b>	
High Isolation Low Insertion Loss High Reliability	

### Specifications

Operating wavelength (nm)		980 and 1550		1480 and 1550		1310 and 1550	
Bandwidth (nm)		±10/±20		±5		±15	
Grade		P	A	P	A	P	A
Insertion loss (dB)		≤0.15	≤0.25	≤0.3	≤0.35	≤0.2	≤0.3
Isolation (dB)		≥20	≥18	≥15	≥14	≥17	≥16
PDL (dB)		≤0.05	≤0.1	≤0.1	≤0.1	≤0.05	≤0.1
Fiber	Com/Pump	Corning HI1060flex or OFS 980		SMF-28e		SMF-28e	
	Signal	Corning HI1060flex or OFS-98		SMF-28e		SMF-28e	
Pigtail type		250um bare fiber or 165um bare fiber	900μm loose tube	250um bare fiber	900μm loose tube	250um bare fiber	900μm loose tube
Dimensions		Normal size: Φ3.0×54	Φ3.0×54	Φ3.0×60	Φ3.0×60	Normal size: Φ3.0×54	Φ3.0×54
		Mini Size: Φ3.0×40, Φ3.0×35, Φ2.4×30, Φ2.4×25	--	--	--	--	Mini Size: Φ3.0×40, Φ3.0×35, Φ2.4×30,

Operating wavelength (nm)	980/1030	980/1064	1064/1550	635/1064	635/1550
Operating bandwidth (nm)	±5			633-658 1064±10	633-658 1550±20
Insertion loss (dB)	≤0.4	≤0.4	≤0.4	≤1.0 (635nm) ≤0.4(1064nm)	≤1.0 (635nm) ≤0.4(1550nm)
Isolation (dB)	≥14	≥14	≥17	≥10 (635nm ) ≤20(1064nm)	≤10(635nm) ≤20 (1550nm)
PDL(dB)	≤0.15				
Fiber	HI1060FLEX or HI1060			Hi1060flex or 10/125 SCF	SMF-28e
Configuration	1×2 or 2×2				
Directivity (dB)	≥55				
Operating temperature (°C)	-40 ~ +85				
Pigtail	250um bare fiber		900um loose tube		
Package Dimension(mm)	Φ3.0×60		Φ3.0×60		

### Ordering Information

WDMC	Grade	Port	Wavelength	Pigtail	Fiber	Length	Connector	Package
	P=P grade A=A Grade	1=1x2 2=2x2	9815=980/1550 1315=1310/1550 4855=1480/1550 9803=980/1030 9806=980/1064 5506=1550/1064 6306=635/1064 6355=630/1550	0=250um bare fiber 1=900um loose tube 8=165um bare fiber	0=HI1060FLEX 1=SMF-28e 4=HI1060 7= OFS 980 8=RC SM980 S=LMA fiber	0.8=0.8m 1= 1m S=Specify	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC LC=LC/UPC xx=Others	54=3x54 60=3x60 40=3x40 35=3x35 30=2.4x30 25=2.4x25