



## Optical Fiber Coupler

### Features and Benefits:

- Low excess loss
- High directivity
- Compact size
- Environmentally stable and reliable

### Application:

- CATV, FITH, IMT2000
- High Speed Transmission System
- EDFA (Erbium-Doped Fiber Amplifier)
- Wide & Local Area Networks
- Live line monitoring system



### Specification:

	WDM		WDM		WDM		SWC		SWC		DWC		DWC	
	(1 X 2)		(1 X 2)		(1 X 2)		(1 X 2)		(1 X 4)		(1 X 2)		(1 X 4)	
Operating Wavelength(nm)	1310/1550		980/1550		1480/1550		1310, 1550		1310, 1550		1310/1550		1310/1550	
Split Ratio (%)	-		-		-		50:50		25:25:25:25		50:50		25:25:25:25	
Grade	P	A	P	A	P	A	P	A	P	A	P	A	P	A
Insertion Loss (dB)	=0.3	=0.6	=0.4	=0.6	=0.4	=0.6	=3.4	=3.6	=6.8	=7.2	=3.6	=4.0	=6.8	=7.2
Isolation (dB)	=17	=16	=20	=18	=13	=11	-	-	-	-	-	-	-	-
PDL (dB)	=	=	=	=	=	=	=	=	=	=	=	=	=	=
	0.10	0.15	0.1	0.15	0.15	0.15	0.10	0.15	0.2	0.3	0.15	0.2	0.2	0.3
Uniformly (dB)	-	-	-	-	-	-	=0.6	=0.1	=0.8	=1.2	=0.6	=1.0	=0.8	=1.2
Line width (nm)	±15	±15	±10	±10	±5	±5	±10	±10	±10	±10	±30	±30	±30	±30
Directivity (dB)	=60		=55		=55		=55		=55		=55		=55	
Operating Temperature(°C)							-40 ~ +75							
Storage Temperature(°C)							-50 ~ +80							
Humidity(%RH)							95							

\*\*I/L will be changeable upon split ratio/Without Connectors

