

Optical Couplers

Applications	Features
FDDI	Low insertion loss
Communication system	High directivity
Accessing network	Compact size



Specification

Coupling ratio		50 : 50	
Operating wavelength	nm	850 or 1310 or 1550	
Grade		P	A
Max excess loss	dB	0.8	1.3
Max insertion loss	dB	4.0	4.2
Max uniformity	dB	0.6	0.8
Min directivity	dB	40	
Operating temperature		-20~+75	
Storage temperature		-40~+85	
Package dimension	mm	B=Φ3×54 for bare fiber	
		L=Φ3.5×65 for 900um loose tuber	

all specification does not include connector loss

Order information

S	Wavelength	Grade	Structure	Coupling	Pack	Fiber Type	Fiber	Connector
L				Ratio	age		Length	Type
	M3=1310	P=P	1=1×2	50=50:50	B	1=Corning-SMF	1=1m	0=None
	M5=1550	Grade	2=2×2	60=60:40		0=Others	0=Others	1=FC/SPC
	M8=850	A=A		70=70:30				2=FC/PC
		Grade		80=80:20	L			3=FC/APC
				95=95:5				4=SC/SPC
				98=98:2				5=SC/PC