

1*2 Special Wavelength Coupler

Features

Low Excess Loss

Various Coupling Ratio

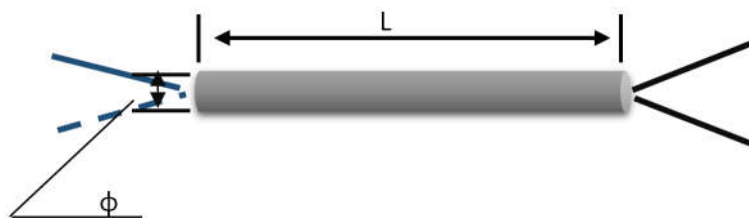
Compact Size

Applications

Long-haul Telecommunications

CATV Systems & Fiber optic Sensors

Local Area Network



OPTICAL SPECIFICATION

arameter	Special Wavelengths Coupler								
Operating wavelength (nm)	473	532	655	850		980	1064	1480	1625
Operating bandwidth (nm)	±15								
Coupling ratio	1/99 ~ 50/50								
Fiber type	460-HP		630-HP	HI780C	780-HP	HI1060flex		SMF-28e	
Typical excess Loss(dB)	1.0		0.7	0.4		0.2		0.15	0.15
Directivity (dB)	≥50								
Operating temperature (℃)	-40 ~ +85								

NOTE: 1、The parameters do not include connector, connector IL is 0.30dB

2、Special wavelength, special fiber, special light source, can be customized according to customer requirements

Package Size

Configuration	1*2		
Fiber lead length	1 meter, others on request		
Fiber type	250 bare fiber	900 loose tube	900/2000/3000 loose tube
Dimensions (Φ×L)	Φ3.0×L54	Φ3.0×L54	90mm×14mm×8.5mm
	Φ3.0×L45	Φ3.0×L70	



Order Information

XXXX	X	X	XX/XX	X	X	X	XX/XX
	Configuration	Operating Wavelength	Coupler Ratio	Fiber diameter	Package	Fiber Type	Connector
ISSC: Single Mode Standard Coupler	1=(1*2)	1=473nm	50/50	1:250um	1: 3×45	1:ClearCurve®	FC/UPC
		2=532nm	49/51	2:900um	2: 3×54	XB	SC/UPC
		3=655nm	48/52	3:2.0mm	3: 3×70	2:ofs-16	FC/APC
		4=850nm	...	4:3.0mm	4:90°10*8	3:ofs-20	...
		5=980nm	1/99	5:Other	5:Other	4:HI 1060	LC/UPC
		6=1064nm				5:HI 1060Flex	
		7=1480nm				6:Other	
		8=1625nm					