

シングルモードワイドバンド光カプラ
SM Dual Three Window Wideband Coupler



Features

Low Insertion Loss
Various Coupling Ratio
Compact Size

Application

Long-Haul Telecommunications
CATV Systems & Fiber Sensors
Local Area Network

Performance Specifications

Singlemode Dual/Three Window Wideband Couplers		
Grade	P	A
Excess Loss(Typ.)(dB)	0.10	0.15
Max. Insertion Loss(dB)	3.6	3.8
Uniformity(dB)	0.7	1.0
Polarization Sensitivity(dB)	0.10	0.15
Operating Wavelength(nm)	1310/1550±40,1310/1585±40,1310/1490/1550±40 or custom wavelengh	
Coupling Ratio(%)	50/50	
Directivity(dB)	≥55	
Operating Temperature(°C)	-20~+70	
Storage Temperature(°C)	-40~+85	
Port Configuration	1X2 or 2X2	
Package Dimension(mm)	A ,B,C,D,M,G	

Coupling Ratio/ Insertion Loss Conversion Chart

Coupling Ratio	Insertion Loss	
	P	A
Grade		
40/60	4.7/2.7	5.0/2.9
30/70	6.0/1.9	6.4/2.1
20/80	7.9/1.2	8.5/1.4
10/90	11.3/0.6	12.7/0.8
05/95	14.0/0.45	17.5/0.5
01/99	19~21/0.1~0.2	21.5/0.25

Contact your OSTenp representative for information on specifications and availability.

Order Information

FBT	-	-	-	-	-	-	-	-	-
	Type	Port	Wavelength	Coupling	Fiber	Package	Pigtail	Pigtail	Connector

Type	S=Coupler A=In-Line Attenuator W=WDM
Port	0101=1x1, 0102=1x2, ..., 0404=4x4, ..., 0132=1x32, 0232=2x32
Wavelength	98=980, 13=1310, 14=1490, 15=1550 1314=1310&1490, 1315=1310&&1550, 345=1310&1490&1550 85=850, 9815=980&1550, 8513=850&1310
Coupling Ratio (Attenuation or Stage)	01=1/99 or 1dB or 1 Stage, 02=2/98 or 2dB or 2 Stage, 03=3/97 or 3dB or 3 Stage, 05=5/95 or 1dB, 10=10/90 or 10dB, 15=15/85 45=45/55 00=equal ratio, X=Others
Fiber Type	1=G652D, 2=G657A, 5=50/125, 6=62.5/125, X=Others
Package Dimension	B1, B2, ..., F, K
Pigtail Type	B=250μm Bare fiber, L=900μm Loose tube, S=2.0mm, R=3.0mm, 0=Adapter
Pigtail Length	05--20=0.5--2.0m, 0=Adapter, X=Others
Connector Type	FU=FC/UPC, FA=FC/APC, SU=SC/UPC, SA=SC/APC, ST=ST/UPC, LU=LC/UPC, LA=LC/APC, 00=None, X=Others

Package Dimensions (mm)

Pigtail Type	1x1	1x2	2x2	<=9 Ports	<=18 Ports	<=34 Ports
Bare Fiber	/	B1	B1	/		
Φ0.9	B2	B2	B5	E	K	F
Φ2.0	B4/D	D	D			
Φ3.0						
Rack Mount	XU/XG					

B1	Φ3x50 steel tube	X	Custom Specifies
B2	Φ3x54 steel tube	E	100x80x10 plastic case
B3	Φ3.5x54 steel tube	F	141x115x18 plastic case
B4	Φ5x70 steel tube	K	120x80x18 plastic case
B5	Φ3x60 steel tube	XU	19" x=1,2,3,4 U Rack Mount
D	90x20x9.5 plastic case	XG	X=1,2,3,4 U LGX box

* 詳細は、お手数ですがお問い合わせフォームにお願いします。

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