

マルチモードファイバオプティックカプラ  
MM Fused Biconic Coupler



**Features**

Low Insertion loss  
High Return Loss  
Option Coupling Ratio  
Wide Operating Temperature  
Excellent Environmental & Mechanical Stability  
Qualified Under Telcordia GR-1221 and GR-1209

**Applications**

FTTX (FTTP, FTTH, FTTN, FTTC)  
Passive Optical Networks (PON)  
Local Area Networks (LAN)  
EDFA systems  
Test Equipments

**Optical Specifications**

Coupling Ratio	Insertion Loss(dB)
	P Grade
50/50	4.1/4.1
40/60	5.2/3.2
30/70	6.5/2.5
20/80	8.5/1.85
10/90	12/1.33
PDL(dB)	0.15
Operation Wavelength(nm)	850±40, 1310±40,850/1310±40
Directivity(dB)	≥40
Return Loss(dB)	≥40
Channel Number	1×2 or 2×2

Parameter	Unit	Specification					
Operating Wavelength	nm	850±40, 1310±40,850/1310±40					
Configuration Type		N=4	N=5	N=6	N=8	N=16	N=32
Fiber Type		Corning MMF 62.5/125um or 50/125um					
IL(MAX)	dB	8.0	9.0	10.0	11.0	15.0	19.0
Uniformity	dB	1.0	1.0	1.5	1.5	2.0	2.5
Return Loss	dB	≥32					
Directivity	dB	≥40					

Note:All the data above does not include connectors.

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

**Packaging Information**

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					

**Package Dimensions (mm)**

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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