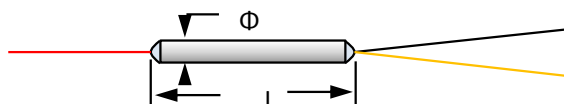


1×2, 1×N MM Visible Wavelength Fiber Optic Coupler

The 1×2, 1×N Multi-mode Visible Wavelength Fused Fiber Optic Coupler is built by using fused biconical taper (FBT) technology. It can be used to split the input signal at various ratios with low insertion loss. 50/125, 62.5/125, 105/125, OM3 multimode fibers are available. Our 1X3, 1X4 couplers are monolithic fused couplers.



Features

- Low Excess Loss
- High Reliability & Stability
- Various Coupling Ratio

Applications

- Fiber Instrument
- Fiber Sensor
- Lab & Research

Performance Specification

Parameter	Value			Unit
Center Wavelength	488, 532, 590 632, 638, 650, 680, 780 or customized			nm
Configuration	1X2	1X3	1X4	
Max. Insertion Loss	3.6	5.5	7.2	dB
Max. Uniformity	0.5	0.5	0.8	dB
Min. Directivity	35			dB
Min. Return Loss	50			dB
Fiber Type	50/125, 62.5/125, 105/125um, OM3 multimode fiber or customized fiber			
Operating Temperature	-40 to +80			°C
Storage Temperature	-50 to +85			°C
Package Dimension	Φ3.0×L54, Φ3.0×L60			mm

Note

* Above specifications are for device without connectors.
* Specifications may change without notice.

Ordering Information

MMVC-AAA-BB-CC-DD-E-FF-GG

AAA	BB	CC	DD	E	FF	GG
Wavelength	Port	Coupling Ratio	Fiber Type	Fiber Jacket	Fiber Length	Connector
488 - 488nm	12 - 1X2	01 - 01/99	50 - 50/125um Fiber	B - 250um Bare	05 - 0.5m	NE - None
532 - 532nm	13 - 1X3	02 - 02/98	62 - 62.5/125um Fiber	Fiber	08 - 0.8m	FA - FC/APC
632 - 632nm	14 - 1X4	04 - 04/96	OM - OM3 Fiber	L - 900um Loose	10 - 1.0m	FP - FC/PC
638 - 638nm	SS - Specify	05 - 05/95	105 - 105/125um Fiber	Tube	15 - 1.5m	SA - SC/APC
650 - 650nm		10 - 10/90	SS - Specify	C - 3.0mm Cable	SS - Specify	SP - SC/PC
680 - 680nm		20 - 20/80				LA - LC/APC
690 - 690nm		30 - 30/70				LP - LC/PC
780 - 780nm		50 - 50/50				SS - Specify
SSS - Specify		EV - Even Ratio for 1X3,1X4				
		SS - Specify				