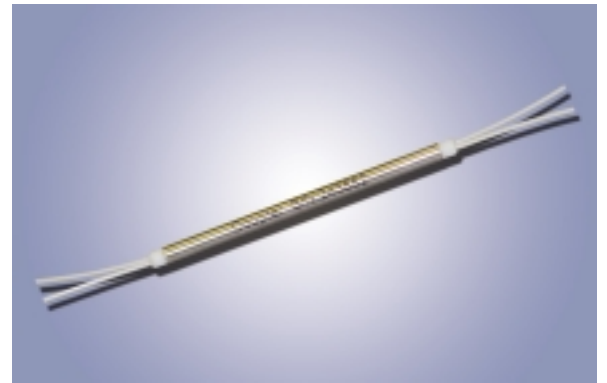




Opto-Link
Corporation Ltd

Multimode Couplers

Multimode Couplers are used to distribute or combine optical signals between fibers. We offer the multimode coupler is manufactured by using fused biconical taper technology. They are highly stable and have low insertion loss, low polarization sensitivity and excellent uniformity.



Applications

- Long Haul Telecommunications
- Test Equipments
- CATV System
- Fiber Optic Sensors
- Network Monitoring
- LAN, WAN Systems
- Subscribers Loop

Features

- Ultra Low Insertion Loss
- Ultra Low Polarization Sensitivity
- Dual-Window
- Various Coupling Ratio
- Wide Bandwidth
- Environmentally Stable
- Excellent Uniformity



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SPECIFICATIONS

Multimode Coupler

Parameter	Values			Units
Operating Bandwidth	800~1600			nm
Star Structure	4x4	8x8	16x16	--
Tree Structure	1x4	1x8	1x16	--
Typ Excess Loss	1.5	2.0	3.0	dB
Max. Insertion Loss	8.4	11.8	16.0	dB
Uniformity	1.0	1.5	2.0	dB
Min. Directivity	>45			dB
Fiber Type	Corning 50/125, 62.5/125			um
Operating Temperature	-40 ~ +85 (for U.V bare fiber) -20 ~ +70 (for loose tube)			°C
Storage Temperature	-40 ~ +85			°C

ORDERING CODES

OLCPL - M - [] - [] - [] - [] - []

Wavelength	Code
850 nm	085
1310 nm	131
others	XX

Lead Types and Package Dimensions		Code
250 μm bare fiber	Ø3.0mm x48mm	25
900 μm loose tube	A: Ø3.5mm x 66mm	90A
	B: 90mm x 16mm x 9 mm	90B
3 mm loose cable	B: 90mm x 16mm x 9mm	3B
	C:106mm x 79mm x 10mm	3C

Port	Code
1 x 4	14
1 x 8	18
1 x 16	116
4 x 4	44
8 x 8	88
16 x 16	1616

Coupling Ratio	Code
50/50	50
others	XX

Connector Type	Code
no connectors	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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