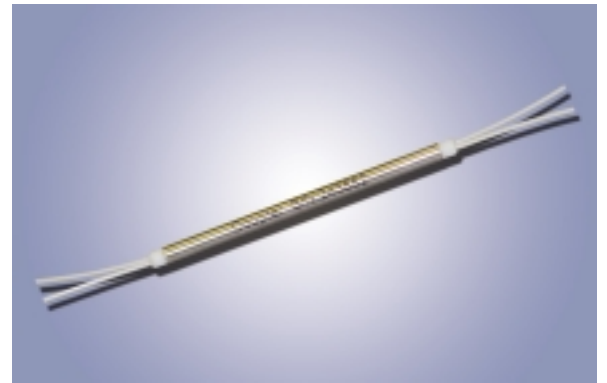




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Multimode Couplers

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 Wavelength	850 or 1310, others on request	nm
Operating Bandwidth	+/-40	nm
Typical Excess Loss	0.8	dB
Insertion Loss	<4.2	dB
Uniformity	<0.8	dB
Directivity	>33	dB
Operating Temperature	-40 ~ +85	°C
Fiber Type	200/230um core/cladding, unjacketed pigtails	um

*Above specifications are for device without connectors

*All information may change without notice

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 2	12
2 x 2	22

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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