

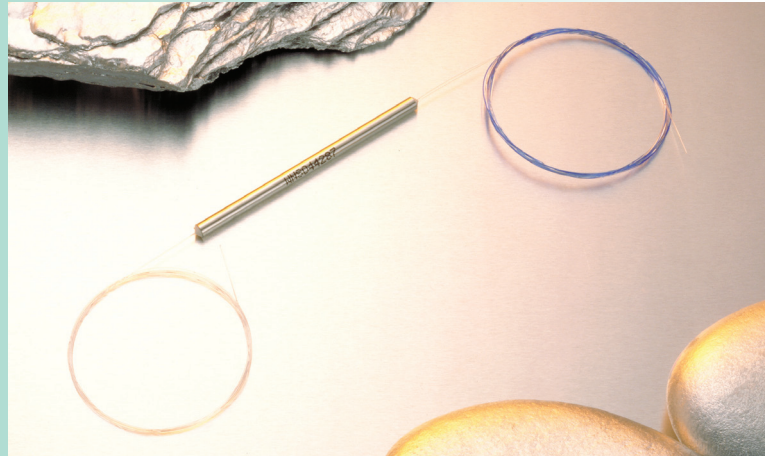
C-GM GIGABIT MULTIMODE COUPLERS

Features:

- Low insertion loss
- Customized packaging available
- Environmentally stable

Applications:

- Gigabit transmission
- Local area network
- Video transmission
- Testing instruments



Performance Specifications:

ITEM	Gigabit Multimode Couplers
Operating Wavelength, nm	850nm
Light Source Type	VCSEL
Uniformity, dB (50:50, at specified wavelength)	1.2
Thermal Stability, dB (peak-peak)	<0.25
Coupling Ratio	1:99 to 50:50, (50:50 standard)
Insertion Loss, dB	Please refer to the coupling ratio vs. insertion loss chart
Directivity, dB	≥35
Reflectance, dB	≥35
Operating Temperature, °C	-40 ~ +85 (*)
Storage Temperature, °C	-55 ~ +85

Note: 1. The packaging option codes are explained in Appendix.
2. * -20°C ~ +70°C for PVC cable.

Coupling Ratio VS. Insertion Loss:

Coupling Ratio (%)	Insertion Loss (dB)
(1*2) 50 / 50	4.5 / 4.5
(1*2) 40 / 60	5.4 / 3.5
(1*2) 30 / 70	6.8 / 2.6
(1*2) 20 / 80	2.1 / 8.4

Note: Insertion Loss Include Connector Loss.

GIGABIT MULTIMODE COUPLERS

Ordering Information:

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Fiber Type

C	50/125μm	D	62.5/125μm
G	50/125μm OM3 fiber	H	50/125μm OM4 fiber
X	Others, please specify		

Package Option

C	T5 with coated fiber
D	MA/MB/M3 with coated fiber
L	TA with loose tube cable
M	MA/MB/M3 with loose tube cable
O	A1 with PVC 2.0mm cable
Q	A1 with PVC 3.0mm cable
R	MA/MB/M3 with PVC 3.0mm cable
S	MA/MB/M3 with adaptors
X	Others, please specify

Coupling Ratio

00 - 50 please specify

Grade

S	Super
H	High

Port Number

12	1 x 2
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Pigtail Length (for each port)

10	1 meter	05	0.5 meter
20	2 meter	15	1.5 meter
00	Modulized	XX	others, please specify

Wavelength

85	850nm
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Connector Type (Input / Output)

FC	FC type	SC	SC type
ST	ST type	LC	LC type
MU	MU type	NC	None
XX	Others, please specify		