

Multi-Mode Single Window Couplers

Features:

- High Reliability
- Low Insertion Loss
- Broad operating wavelength
- High Directivity
- Telcordia Compliant

Applications:

- Local Area Networks
- Gigabit Ethernet
- Subscriber Loop
- Fiber Optic Instruments and Sensors
- RoHS Compliant Available



Specifications¹:

Parameter	Unit	Grade 2A ²
Central Wavelength (l c)	nm	850 or 1310
Coupling Ratio ²	%	50/50
Excess Loss	Max. dB	0.8
Insertion Loss	Max. dB	3.9
Uniformity	Max. dB	0.6
Return Loss	Max. dB	40
Thermal Stability	Max. dB/°C	0.002
Directivity	Min. dB	40
Fiber Length	Min. m	1.0+/-0.1, or on request
Fiber Type		Multimode 50/125mm, 62.5/125mm fiber
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package	mm	1: 250mm bare fiber: f3.0´48
		2: 900mm loose tube: f3.5´66
		3: 2mm cable: 90´16´9 (L´W´H)
		4: 3mm cable: 90´16´9 (L´W´H)

1. Values referenced without connectors.
 2. Other coupling ratios is also available.

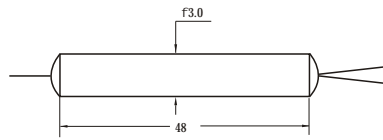
Dimension:


Figure 1. Package for 250mm fiber

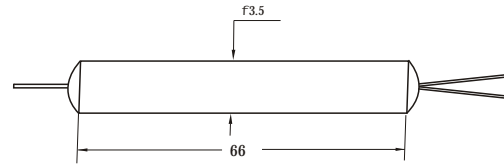


Figure 2. Package for 900mm fiber

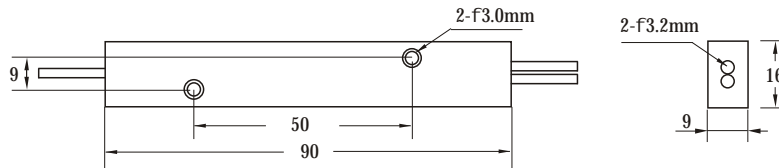


Figure 3. Package for 2 or 3mm Cable

Order Information:

MMSC - $\underset{\text{A}}{\text{X}}$ - $\underset{\text{B}}{\text{XXX}}$ - $\underset{\text{C}}{\text{XXX}}$ - $\underset{\text{D}}{\text{X}}$ - $\underset{\text{E}}{\text{XXX}}$ - $\underset{\text{F}}{\text{XX}}$ - $\underset{\text{G}}{\text{XX}}$

A	Grade	A=Grade ² A ²
B	Central Wavelength	850=850nm
		1310=1310nm
C	Fiber Type	050=50/125mm
		062=62.5/125mm
D	Package Type	1=Package 1
		2=Package 2
		3=Package 3
		4=Package 4
E	Type	1`2=1`2
		2`2=2`2
F	Tap Ratio	50=50/50
G	Connector	NN=W/O connector
		XY=With connector ¹

1. Please specify the type of connector when ordering if connector is required.

Mechanical Type	Other	SC	FC	ST	MU	LC
X	0	1	2	3	4	5
Physical Contact Type	Other	PC	UPC	APC		
Y	0	1	2	3		