

Single Mode Single Window Monolithic Couplers

Features:

- Ultra-compact version
- Low WDL
- Ultra Low PDL
- High Directivity
- Environmental stable

Applications:

- Telecommunication systems
- LAN, WAN Systems
- Fiber Optic Instruments and Sensors
- RoHS Compliant Available



Specifications¹:

Parameter	Unit	Grade ² A ²
Central Wavelength (l c)	nm	1310 or 1550
Bandwidth	nm	+/-40
Port Configuration		1`3 1`4
Coupling Ratio	%	33:33:33 25:25:25:25
Insertion Loss	Max. dB	5.6 7.2
WDL	Max. dB	0.6
Uniformity	Max. dB	1.0 1.2
PDL	Max. dB	0.1
Directivity	Min. dB	50
Thermal Stability	Max. dB/°C	0.003
Fiber Length	Min. m	1.0+/-0.1, or on request
Fiber Type		Corning SMF-28e, 250mm or 900mm loose tube
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package		See table 1

1. Values referenced without connectors.

Dimension:

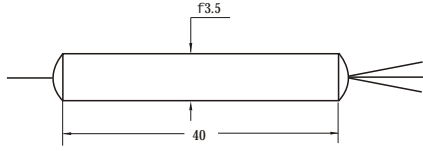


Figure 1. Package for 250mm fiber

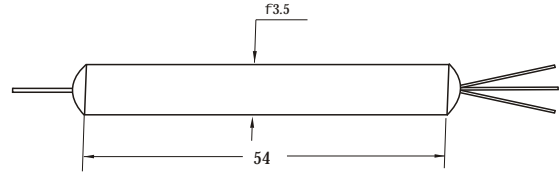


Figure 2. Package for 900mm fiber

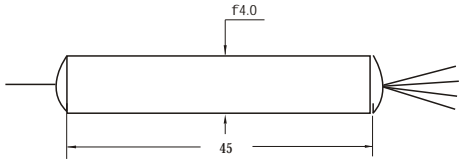


Figure 3. Package for 250mm fiber

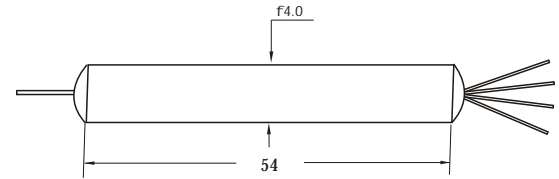


Figure 4. Package for 900mm fiber

	250mm bare fiber	900mm loose tube
1`3	1: f 3.5`40mm	2: f 3.5`54mm
1`4	3: f 4.0`45mm	4: f 4.0`54mm

Table 1

Order Information:

SSWC - M - XXXX - XXXX - XXX - XX - X - XX
A B C D E F G

A	Grade	M=Monolithic
B	Central Wavelength	1310=1310nm 1550=1550nm
C	Fiber Type	250S=250mm bare fiber 900L=900mm loose tube
D	Port Configuration Type	1`3=1`3 1`4=1`4
E	Tap Ratio	33=33/33/33 25=25/25/25/25
F	Package Type	1=Package 1 2=Package 2
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		