

Single Mode Dual Windows Wideband Couplers

Features:

- High Reliability
- Low Loss
- Low WDL
- Ultra Low PDL
- High Directivity

Applications:

- Telecommunications
- Test Equipment
- Network Monitoring
- RoHS Compliant Available



Specifications¹:

Parameter	Unit	Grade ² A ²									
Central Wavelength (λ c)	nm	1310 & 1550									
Bandwidth	nm	+/-40									
Coupling Ratio ²	%	1/99	2/98	3/97	5/95	10/90	20/80	30/70	40/60	50/50	
Insertion Loss	Max. dB	21.5/0.25	19.0/0.3	17.5/0.35	15.0/0.4	11.1/0.65	7.8/1.2	5.9/2.0	4.6/2.7	3.6/3.6	
Uniformity	Max. dB										0.7
Directivity	Min. dB						1'2 Type: 50		2'2 Type: 65		
PDL	Max. dB	0.15									
Thermal Stability	Max. dB/°C	0.002									
Fiber Length	Min. m	1.0+/-0.1, or on request									
Fiber Type		Corning SMF-28e, 250mm bare fiber, 900mm loose tube, 2mm or 3mm cable									
Operating Temperature	°C	0~70									
Storage Temperature	°C	-40~85									
Package		See table 1									

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

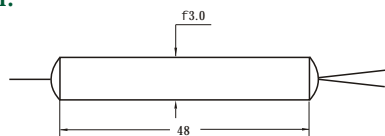
Dimension:


Figure 1. Package for 250mm fiber

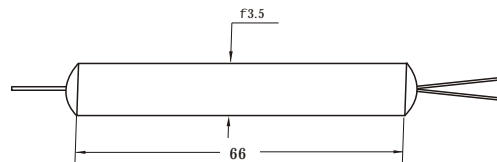


Figure 2. Package for 900mm fiber

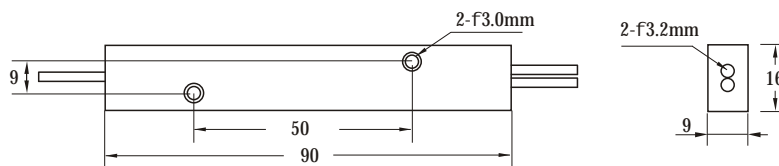


Figure 3. Package for 3mm Cable

	250mm bare fiber	900mm loose tube	2mm or 3mm cable
Standard Package	1: f 3.0 ´ 48mm	2: f 3.5 ´ 66mm	3: 90 ´ 16 ´ 9mm
Mini Size Package	4: f 3.0 ´ 40mm	5: f 3.0 ´ 54mm	

Table 1

Order Information:

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

A	Grade	A=Grade ² A ²
B	Central Wavelength	1315=1310 & 1550nm
C	Fiber Type	250S=250mm bare fiber
		900L=900mm loose tube
		2000=2mm cable
		3000=3mm cable
D	Type	1 ´ 2=1 ´ 2
		2 ´ 2=2 ´ 2
E	Tap Ratio	01=01/99
		10=10/90
		50=50/50
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		