


Mini Size Dual Window Single Mode Fused Coupler

Features Low excess loss & low IL Low PDL High stability and reliability	
Application	
Optical communication systems CATV FTTH/PON	

Specifications:

Parameter	Grade P	Grade A	
Operating wavelength (nm)	1310+/-40&1550+/-40		
Typical excess loss (dB)	0.15	0.25	
Insertion loss (dB)	50/50	≤3.7	≤3.9
	40/60	≤4.7/2.8	≤5.0/3.0
	30/70	≤6.1/2.1	≤6.4/2.2
	20/80	≤8.0/1.3	≤8.4/1.4
	15/85	≤9.6/1.0	≤10.2/1.1
	10/90	9.25~11.25/0.7	≤8.80~11.65/0.85)
	5/95	≤12.10~14.40/0.5	≤11.60~14.90/0.55
	3/97	14.15~16.75/0.4)	≤13.60~17.30 /0.45
	2/98	≤15.80~18.70/0.35	≤15.15~19.30/0.4
	1/99	≤18.65~21.85/0.3	≤17.95~22.55/0.35
PDL (dB)	≤0.15	≤0.20	
Directivity (dB)	≥55		
Return Loss(dB)	≥55		
Operating temperature (°C)	-40 ~ +85		

Package Information

Configuration	1x2 or 2x2
Fiber length	1m, others on request
Fiber Type	SMF-28e
Pigtail type	250μm bare fiber
Dimensions(φ×L)(mm)	Φ2.4×L25 (J)or Φ2.4×L30(H)

Ordering Information

DWF C	Wavel ength	Port Type	Coupling Ratio	Grade	Package	Fiber type	00	Pigtail Type	Length	Connector
	0=Dual window 1310/1550	1=1x2 2=2x2	1=1/99 2=2/98 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50	P=P grade A=A grade	J=(φ2.4×L25) H=PE(φ2.4×L30)	0=SMF-28e	00	1=250um bare fiber	H= 0.5m 8= 0.8m 1= 1m 5= 1.5m 2=2m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/UPC 6=SC/APC