

All Band Single Mode Fused Coupler (AWFC)

Features:

Low insertion loss
 Low PDL
 High stability and reliability

Application:

Fiber Communication/Access Network

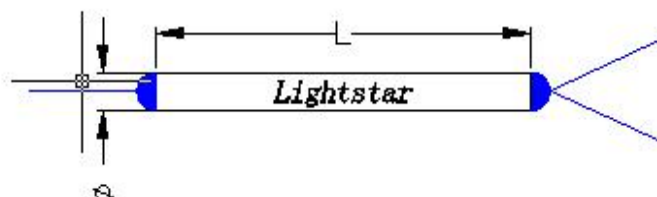
Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		1260~1620	
Typical excess loss (dB)		0.07	0.10
Insertion loss (dB)	50/50	≤3.8	≤4.0
	40/60	≤5.1/3.1	≤5.3/3.3
	30/70	≤6.4/2.3	≤6.7/2.5
	25/75	6.5/1.7	≤7.0/1.9
	20/80	≤8.3/1.6	≤8.8/1.8
	15/85	≤8.5/1.2	≤9.2/1.4
	10/90	≤11.5/1.05	≤12.2/1.2
	5/95	≤14.6/0.8	≤15.5/0.9
	2/98	≤18.8/0.7	≤19.5/0.8
1/99	≤22.5/0.65	≤23.5/0.75	
PDL (dB)		≤0.15	≤0.20
Directivity (dB)		≥55	
Operating temperature (°C)		40 ~ +85	

Package Information

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e or on request		
Pigtail type	250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Dimensions(φ×L)(mm)	φ3.0×L40 or φ3.0×L54	φ3.0×L54 φ4.0×L65	L90×W20×H9.5

*** Other package dimensions can be made on customer request.





Ordering Information

Product	Wavelength	Port	CR	Grade	Package	Fiber	0	Pigtail Type	Length	Connector
TWFC	26=1260-1620	1=1x2 2=2x2	1=1/99 2=2/98 3=3/97 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50 F=15/85 G=25/75 H=66/37 I=0.1/99.9 S=Other	P= P A= A	1=φ3.0×L54 2=φ3.0×L40 3=φ3.0×L60 4=φ3.0×L35 5=φ2.4×L30 6=φ4.0×L65 A=90x20x9.5 S=Other	0=S MF-2 8e		0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=3mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m S=Others	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=ST/PC 6=LC/PC 7=LC/APC 8=E2000 APC S=Others