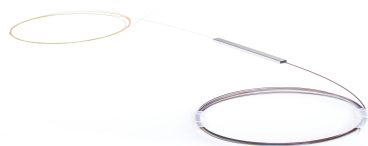


Mini Size Standard Coupler (SSC)



Key Features

Mini size
Low excess loss
Low PDL
G.657.A1

Applications

- Mini size EDFA
- Mini size transmitter/receiver module
- Optical communication systems
- Testing instruments

Compliance

Telcordia GR1209
Telcordia GR1221

Specifications

Parameter \ Type		Mini Size Standard Coupler (SSC)			
Operating wavelength (nm)		1310 or 1550,others on request			
Operating bandwidth (nm)		±15			
Package size(Φ×L)mm		Φ3.0/Φ2.4×30; Φ2.4×25		Φ2.4×22; Φ2.0×18	
Grade		P	A	P	A
Typical excess loss (dB)		0.10	0.15	0.15	0.25
Insertion Loss (dB)	50/50	≤ 3.5	≤ 3.7	≤ 3.6	≤ 3.7
	40/60	≤ 4.50/2.70	≤ 4.80/2.90	≤ 4.60/2.80	≤ 4.90/3.00
	30/70	≤ 5.80/2.00	≤ 6.10/2.10	≤ 5.90/2.10	≤ 6.30/2.20
	20/80	≤ 7.70/1.25	≤ 8.0/1.3	≤ 7.80/1.30	≤ 8.20/1.40
	10/90	9.35~11.15/≤0.70	9.15~11.35/≤0.85	9.50~11.30/≤0.75	9.30~11.50/≤0.85
	5/95	12.15~14.35/≤0.45	11.90~14.60/≤0.55	12.30~14.50/≤0.50	12.05~14.75/≤0.55
	3/97	14.20~16.70/≤0.35	13.90~17.00/≤0.45	14.35~16.85/≤0.4	14.05~17.15/≤0.45
	2/98	15.85~18.50/≤0.30	15.50~19.00/≤0.35	16.00~18.80/≤0.35	15.65~19.15/≤0.40
	1/99	18.70~21.15/≤0.25	18.30~22.20/≤0.30	18.85~21.80/≤0.30	18.45~22.35/≤0.35
PDL (dB)		≤ 0.10	≤ 0.15	≤ 0.10	≤ 0.15
Directivity(dB)		≥ 50			
Operating temperature(°C)		-40 ~ +85			

*The above specification is without connector

**Other specifications can be made on customer request.