

Single Mode Standard Coupler (SSC)

1. Description:

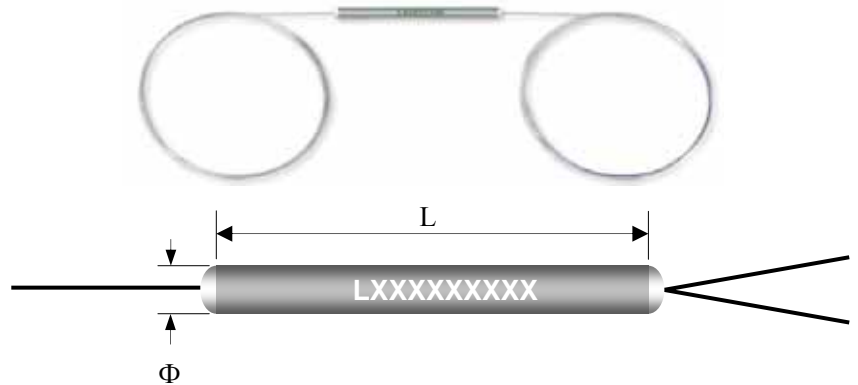
The single mode standard coupler (SSC) features low excess loss, high stability and reliability. It is widely used for optical fiber communication systems and CATV systems.

2. Features:

- * Low excess loss
- * Low PDL
- * High stability and reliability

3. Applications:

- * CATV
- * Optical communication systems
- * Testing instruments



4. Specifications:

Parameter		Grade	P	A
Operating wavelength (nm)			1310 or 1550, others on request	
Operating bandwidth (nm)			± 15	
Typical excess loss (dB)			0.07	0.1
Insertion loss (dB)	50/50		≤3.4	≤3.6
	40/60		≤4.4/2.6	≤4.7/2.8
	30/70		≤5.7/1.9	≤6.0/2.0
	20/80		≤7.6/1.25	≤8.0/1.35
	10/90		≤11.0/0.65	≤11.5/0.8
	5/95		≤14.2/0.4	≤14.8/0.5
	3/97		≤16.7/0.3	≤17.2/0.4
	2/98		≤18.5/0.25	≤19.0/0.35
	1/99		≤21.5/0.2	≤22.0/0.3
PDL (dB)			≤0.1	≤0.15
Directivity (dB)			≥55	
Operating temperature ()			-40 ~ +85	

*The above specification is without connector

**Other specifications can be made on customer request.

5. Package Information:

Configuration	1×2 or 2×2		
Fiber lead length	1 meter, others on request		
Fiber type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions (Φ×L)	Φ3.0mm×54mm	Φ3.0mm×54mm	90mm×14mm×8.5mm
	Φ2.4mm×42mm		

*Other package dimensions can be made on customer request.

6. Product Ordering Information:

SSC-X-XXX-XXX-XX/XX-X-X-XX/XXX-XX*XX

