



Single Mode Standard coupler (SSC)



Overview:

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.

Features:

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

Applications:

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

Specification:

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		<4.4/2.8	<4.7/2.8
	30/70		<5.7/1.9	<6.0/2.0
	20/80		<7.8/1.2	<8.0/1.8
	10/90		<11.0/0.85	<11.5/0.8
	5/95		<14.2/0.4	<14.8/0.5
	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 (°C)			- 40 ~ +85	

*Other specifications can be made on customer request.

Package Information:

Configuration	1×2 or 2×2		
Fiber lead length	1 meter, others on request		
Fiber type	250 μm bare fiber	900 μm loose tube	900 μm/2mm/ 3mm loose tube
Dimensions (φ × L)	φ 3.0mm × 54mm	φ 3.0mm × 70mm	90mm × 14mm × 8.5mm
	φ 2.4mm × 42mm	φ 3.0mm × 54mm	

*Other package dimensions can be made on customer request.

Ordering Information:

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

