Single Mode Standard Coupler (SSC)

Applications:

- ✧ Optical communication systems
- ✧ CATV
- ✧ Local Area Networks
- ✧ Testing instruments

Specifications

		Single Mode Standard Coupler (SSC)	
Operating wavelength(nm)		1310 or 1550，Others on request	
Operating bandwidth(nm)		±15	
Port configuration		1x2 or 2x2	
Grade		P	A
Typical excess loss(dB)		0.07	0.10
Insertion Loss(dB)	50/50	≤3.4/3.40	≤3.6/3.6
	40/60	≤4.4/2.60	≤4.7/2.8
	30/70	≤5.7/1.90	≤6.0/2.0
	20/80	≤7.6/1.20	≤8.0/1.3
	10/90	≤11.0/0.65	≤11.5/0.8
	5/95	≤14.2/0.40	≤12.8/0.5
	2/98	≤18.5/0.25	≤19.0/0.35
	1/99	≤21.5/0.20	≤22.0/0.30
PDL(dB)		≤0.1	≤0.15
Directivity (dB)		≥55	
Operating temperature (℃)		-40 ~ +85	
Package Dimension		250μm bare fiber: Φ3.0mm×45mm 900μm loose tube: Φ3.0mm×54mm 900um/2mm/3mm loose tube: 90mm×20mm×10mm	

*The above specification is without connector.
**Other specifications can be made on customer request.

Ordering Information

SMC	X	XXX	XXXX	XX/XX	X	X	XXX	XX/XX
	Grade	Port number	Operating Wavelength	Coupling Ratio	Pigtail Type	Encapsulation steel tube	Fiber Length	Connector
	P=Perfect	1×3	1310=1310	01/99	0=250um	3.0×54	1m	FC/UPC
	A=Grade A	1×4	1550=1550	02/98	1=900um		1.5m	FC/APC
	X=customized		1315=1310 & 1550	03/97	4=others		2m	SC/UPC
			…	…			…	…