



Mini Size 1x4 Monolithic single Mode Coupler (SSC)



Overview:

Mini size 1x4 monolithic coupler features compact package size, low insertion loss, and high reliability performance. These couplers are designed for communication systems, fiber sensors, and fiber testing instruments.

Features:

- * Mini package size
- * Low excess loss
- * Low PDL
- * High stability and reliability

Applications:

- * Fiber communication systems
- * Fiber sensors
- * FTTH
- * Testing instruments

Specification:

Type	Mini size 1×4 SSC	
Parameter		
Operating wavelength (nm)	1310 or 1550,others on request	
Operating bandwidth (nm)	± 15	
Grade	P	A
Typical excess loss (dB)	0.15	0.25
Insertion loss (dB)	≤7.2	≤7.5
PDL (dB)	≤0.25	≤0.35
Uniformity (dB)	≤1.2	≤1.5
Directivity(dB)	≥55	
Operating temperature(°C)	- 40 ~ + 85	

*Other specifications can be made on customer request.

Package Information:

Configuration	1×4
Fiber lead length	1 meter, others on request
Fiber type	250μm bare fiber
Dimensions (φ×L)	φ2.4mm×30mm

*Other package dimensions can be made on customer request.