



3x3 Monolithic Single Mode Coupler

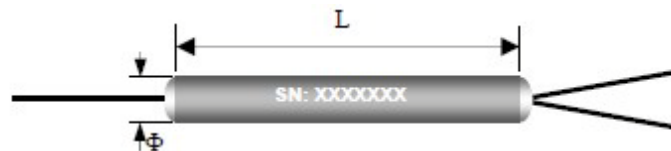
Features	Applications
High Isolation Low Insertion Loss & Low Excess Loss High Reliability	Telecommunications Testing Instrument Fiber sensor

Specifications

Parameter	3x3 SSC		3x3 WBC	
Operating wavelength(nm)	1310, 1550,		1310/1550	
Operating bandwidth(nm)	±15		±40	
Grade	P	A	P	A
Typical excess loss (dB)	0.1	0.15	0.1	0.15
Insertion loss (dB)	≤5.6	≤5.8	≤5.8	≤6.2
PDL(dB)	≤0.25	≤0.3	≤0.25	≤0.3
Uniformity (dB)	≤1.0	≤1.4	≤1.3	≤1.6
Directivity (dB)	≥55			
Operating temperature (°C)	-40 ~ +85			

Package Dimensions

Configuration	3x3	
Fiber length	1m, others on request	
Fiber Type	SMF-28e	
Pigtail type	250μm bare fiber	900μm loose tube
Dimensions(mm)	φ3.0×54or φ3.0×35	φ4.0×75



Ordering Information

	Grade	Port	Wavelength	Coupling Ratio	Pigtail	Fiber	Length	Connector	Package
SSC	A=A	3x3	1310	EVEN	0=250um bare fiber	0=SMF	1m	FC,SC,LC,	3x54
WBC	Grade		1550		1=900um loose tube	-28e		ST,MU/UP	4x75
	P=P							C,AP	
	Grade							C	