



Single Mode Tree Window Coupler

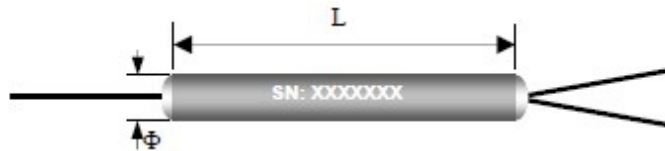
Features	Applications
High Isolation Low Insertion Loss & Low IL and PDL High Reliability	Telecommunications CATV Network FTTH/PON

Specifications

Parameter		Grade P	Grade A
Operating wavelength(nm)		1310/1490/1550 or others	
Operating bandwidth(nm)		1310 ± 40, 1490 ± 10 and 1550 ± 40	
Typical excess loss (dB)		0.07	0.10
Insertion loss	50/50	≤3.6	≤3.8
	40/60	≤4.7/2.7	≤4.9/2.9
	30/70	≤6.0/1.9	≤6.3/2.1
	20/80	≤7.9/1.3	≤8.4/1.4
	10/90	≤11.2/0.75	≤12.0/0.8
	5/95	≤14.6/0.4	≤15.5/0.5
	2/98	≤18.8/0.3	≤19.5/0.4
	1/99	≤22.5/0.25	≤23.5/0.35
PDL		≤0.15	≤0.2
Directivity		≥55	
Operating temperature		-40 ~ +85	

Package Dimensions

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54 or φ3.0×40	φ3.0×54	98×14×8.5





Ordering Information

TWC	Grade	Port	Wavelength	Coupling Ratio	Pigtail	Fiber	Length	Connector	Package
	A=A Grade P=P Grade	1x2 2x2	1310/1490/ 1550	1/99 2/98 3/97 50/50	0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=3mm 3x40 3x54 98x14x8.5loose tube	0=SMF- 28e	0.8m 1m	FC,SC,LC, ST,MU/UP C,AP C	3x54 3x40 98x14x8.5