

1x3 Monolithic Single Mode Coupler

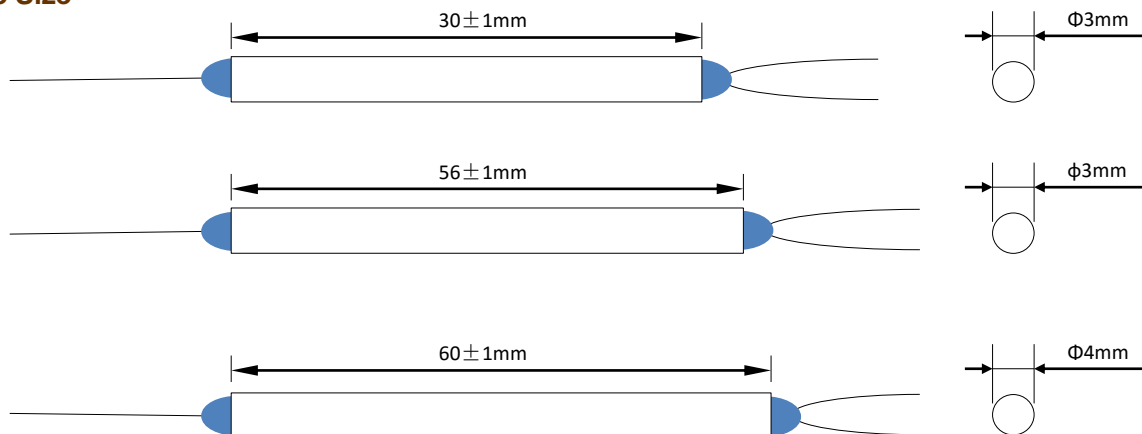
Specifications

Parameters	Unit	1x3 CP-S		1x3 CP-W		1x3 CP-D		1x3 CP-T	
Operating Wavelength	nm	1310, 1550				1310/1550		1310/1490/1550	
Operating Bandwidth	nm	±15		±40		±40		1310±40,1490±10, 1550±40	
Grade		P	A	P	A	P	A	P	A
Typical Excess Loss	dB	0.10	0.15	0.10	0.15	0.10	0.15	0.10	0.15
Insertion Loss	dB	≤5.4	≤5.7	≤5.6	≤6.0	≤5.8	≤6.2	≤5.8	≤6.2
PDL	dB	≤0.20	≤0.25	≤0.20	≤0.25	≤0.25	≤0.30	≤0.25	≤0.30
Uniformity	dB	≤0.8	≤1.2	≤1.0	≤1.4	≤1.2	≤1.5	≤1.2	≤1.5
Return Loss	dB	≥50							
Directivity	dB	≥55							
Operating Temperature	°C	-20 ~ +70							
Storage Temperature	°C	-40 ~ +85							

Package Information

Configuration	1x3	
Fiber Length	1m, others on request	
Fiber Type	SMF-28e or SMF-28 XB	
Pigtail Type	250µm Bare Fiber	900µm Loose Tube
Dimensions(mm)	φ3x30, φ3x56, φ3.5x56,	φ3.5x56, φ4.0x60

Package Size



Ordering Information

CP- ①-②-③③③-④④④④-⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨⑨-⑩⑩⑩⑩

①	Type	S=Standard; W=Wide Band; D=Dual Window; T=Three Window;
②	Grade	P=Grade P; A=Grade A;
③	Port Type	1x3;
④	Wavelength	1310; 1550; 1310/1550; 1310/1490/1550;
⑤	Coupling Ratio	EVEN; 1/1/98%; 2/2/96%; 3/3/94%; 5/5/95%; 10/10/80%; 20/20/60%;
⑥	Pigtail Type	250=250µm Fiber; 900=900µm Loose Tube;
⑦	Fiber Type	1=SMF-28e; XB=SMF-28 XB;
⑧	Length	1= 1m; X=Other;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC;
⑩	Package	3x30; 3x56; 3.5x56; 4x60;