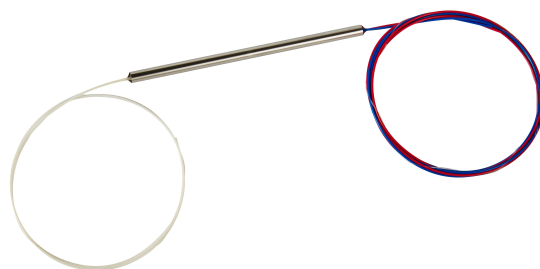


High Power Coupler

Key Features

- High power handling up to 10W
- 1×2 or 2×2 type
- Parameter refer to telecom coupler
- CW and Pulse available



Specifications

		1550nm band coupler (SMF-28e fiber)		1060nm band coupler(OFS fiber)
Grade		P	A	A
Port configuration		1x2 or 2x2		
Typical excess loss (dB)		0.07	0.1	0.1
Insertion loss(dB)	50/50	≤3.4	≤3.6	≤3.6
	40/60	≤4.4/2.6	≤4.7/2.8	≤4.7/2.8
	30/70	≤5.7/1.9	≤6.0/2.0	≤6.0/2.0
	20/80	≤7.6/1.25	≤8.0/1.3	≤8.0/1.3
	10/90	≤11.0/0.65	≤11.5/0.8	≤11.5/0.8
	5/95	≤14.2/0.4	≤14.8/0.5	≤14.8/0.5
	3/97	≤16.7/0.3	≤17.2/0.4	≤17.2/0.4
	2/98	≤18.5/0.25	≤19/0.35	≤19/0.35
	1/99	≤21.5/0.2	≤22.0/0.3	≤22.0/0.3
PDL(dB)		≤0.1	≤0.15	≤0.15
Directivity(dB)		≥55		
Operating temperature(℃)		-40 ~ +85		
Package Dimension		250μm bare fiber: Φ3.0×45mm, Φ3.0×54mm 900μm loose tube: Φ3.0×54mm 250μm/900um loose tube: 70×12×8mm		

*The above specification is without connector.

**Other specifications can be made on customer request.



Ordering Information

HPS MC	X	XXX	XXXX	XX/XX	X	X	XXX	XX/XX
	Grade	Port number	Operating Wavelength	Coupling Ratio	Pigtail Type	Encapsulation Steel Tube &ABS box	Fiber Length	Connector
	P=Perfect	1×2	1550=1310 &1550	1/99	1=250um	3.0mm×54mm	1m	FC/UPC
	A=Grade A	2×2	1550	50/50	2=900um	70mm×12mm ×8mm	1.5m	FC/APC
	X=customized				4=others		2m	SC/UPC
		