



High Power Coupler

Features:
Low insertion loss & Low PDL High stability and reliability
Application:
High Power Fiber Laser & Amplifier

Specifications:

Parameter	Value	
Operating wavelength (nm)	1550 or 1064	
Operating bandwidth (nm)	±15	
Excess loss (dB)	≤0.06	
Insertion loss (dB)	50/50	≤3.4
	40/60	≤4.4/2.6
	30/70	≤5.7/1.9
	20/80	≤7.6/1.25
	10/90	≤11.0/0.65
	5/95	≤14.2/0.4
	2/98	≤18.5/0.25
	1/99	≤21.5/0.2
PDL (dB)	≤0.1	
Handing Power (CW) (W)	10,20W	
Directivity (dB)	≥55	
Operating temperature (°C)	40 ~ +85	

Package Information

Configuration	1x2 or 2x2
Fiber length	1m, others on request
Fiber Type	SMF-28e or HI1060 or 10/125 SCF Fiber
Pigtail type	250µm bare fiber
Dimensions(mm)	75x12x8 Metal Box

Ordering Information

Product	Wavelength	Port	CR	Package	Fiber	Pigtail Type	Length	Power
HPFSMC	55=1550 06=1064 SS=Other	1=1x 2 2=2x 2	1=1/99 2=2/98 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50 I=0.1/99.9 S=Other	8=75x12x8	0=G 657A 1 2=HI 1060 3=10 /125 SCF	0=250um bare fiber 1=900um loose tube	H=0.5m 8=0.8m 1=1.0m S=Other	A=10W B=20W