

High Power PM Fused 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)	≤0.6
Coupling Ratio	0.1/99.9 ~50/50
ER (dB)	>20
Handling Power (CW) (W)	5, 10,20W
Directivity (dB)	≥55
Operating temperature (°C)	40 ~ +85

Remark; when coupling ratio <10%, ER>16dB, 1%, ER is out of concern

Package Information

Configuration	1x2 or 2x2
Fiber length	0.8m, others on request
Fiber Type	PM980 or PM1550
Dimensions(mm)	OD 3x54mm (<5W) 75x12x8 Metal Box (<10W)

Ordering Information

Product	Wavelength	Port	CR	Package	Fiber	Pigtail	Length	Power
HPFPMC	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	1=3x54mm 8=75x12x8	1=PM1550 2=PM980	0=250 um bare fiber	H=0.5m 8=0.8m 1=1.0m S=Other	A=10W B=20W C=5W