

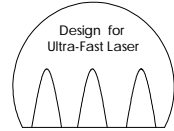


Features

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss
- High Power Handling Capability

Applications

- Ultra-Fast Fiber Lasers
- Telecommunications
- Optical Amplifier
- Fiber Lasers
- Testing Systems



Specifications

Parameters	Unit	Values	
Port Type		1X2	2X2
Center Wavelength	nm	1030 or 1064	
Operating Wavelength Range	nm	±30	
Max. Excess Loss	dB	0.8	1.2
Max. Uniformity (only for 50/50)	dB	0.6	0.8
Tap Ratio (Port 2/4)	%	1±0.2, 2±0.4, 5±1.0, 10 & 50	
Min. Return Loss	dB	50	
Min. Extinction Ratio (only for F type)	dB	22	22
Min. Extinction Ratio (only for B type)	dB	20	18
Max. Optical Handling Power (Proper SOP)	-	Pulse Width: ps,fs; Pulse Energy: nJ; Peak Power: 0.5KW,1KW,10KW,20KW and so on.(Only for Splitter)	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber On Input&Output, PM Panda Fiber or Hi 1060 On Tap or Specify	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

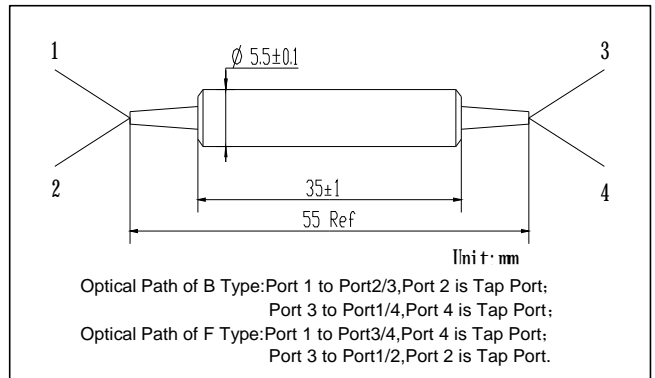
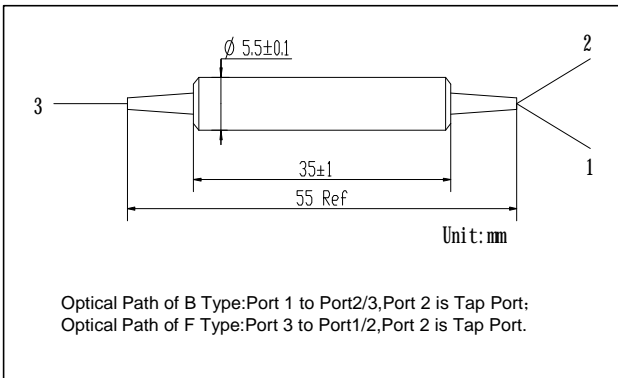
*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower, ER will be 2dB lower and optical power is only 1000mW(CW).

*The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

HPMFC-UF-①①-②-③③-④-⑤⑤-⑥⑥⑥⑥-⑦⑦⑦⑦-⑧-⑨-⑩⑩

①①: Wavelength
03 - 1030nm
06 - 1064nm
SS - Specify

②: Port
1 - 1x2
2 - 2x2

③③: Coupling Ratio
01 - 1/99
02 - 2/98
04 - 4/96
05 - 5/95
10 - 10/90
20 - 20/80
50 - 50/50
SS - Specify

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Handling Power
01 - 1W
SS - Specify

⑥⑥⑥⑥: Connector Type on Port 1, 2, 3 & 4
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑦⑦⑦⑦: Fiber Jacket on Port 1, 2, 3 & 4
B - Bare Fiber
L - 900um Loose Tube
S - Specify

⑧: Fiber Type on Input&Output
1 - PM 980
*Refer to the attachment for other options.

⑨: Fiber Type on Tap
1 - PM 980
*Refer to the attachment for other options.

⑩⑩: Fiber Length
0.8 - 0.8m
S - Specify