

(6+1)x1 Multimode Pump and SM Signal Combiner

Features

High Power Handling
High Coupling Efficiency
Proprietary Fiber Tapering Technique
Telcordia GR-1221 Compliant

Application

KW Class Fiber Laser
KW Class Fiber Amplifier
Telecom/Medical



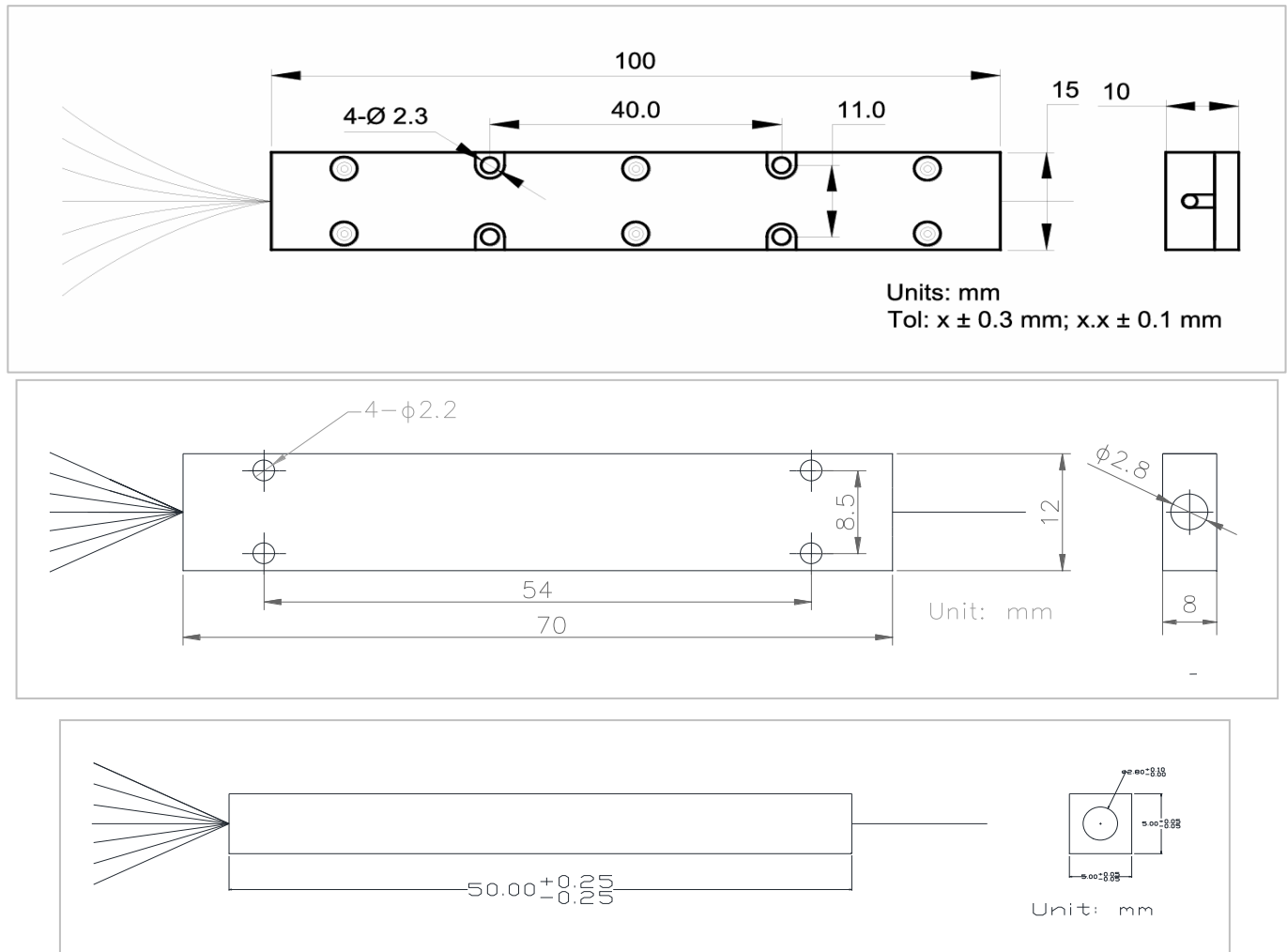
Specifications

Parameters	Unit	Values
Product Type	-	(6+1)x1
Pump Wavelength Range	nm	900-1000
Signal Wavelength Range	nm	1550, 1064
Signal Channel Insertion Loss	dB	≤0.7
Pump Efficiency	%	≥90
Polarization Extinction Ratio (PER) for PMF	dB	≥20
Return Loss (RL)	dB	≥40
Input Pump Power (Per Port)	W	10, 30, 50, 200
Package Size	mm	50x5x5, 70x12x8, 100x15x10
Operating Temperature	°C	0 ~ +75
Storage Temperature	°C	-40 ~ +85

Fiber Type Combination

Pump Port	Signal Input	Signal Output
105/125 0.22 NA	HI1060 6/125 DCF	6/125 DCF 10/125 DCF 20/125 DCF 25/250 DCF 20/200 DCF
	10/125 DCF	10/125 DCF
	20/125 DCF	20/125 DCF
	SMF-28e 8/125 DCF	8/125 DCF
	PM980 PM980XP	PM 6/125 DCF PM 10/125 DCF PM 25/250 DCF
	PM 10/125 DCF	PM 10/125 DCF
	PM 20/125 DCF	PM 20/125 DCF
	PM1550 PM1550XP	PM1550 DCF

Package Dimensions



Ordering Information

MPC- ①①①①①①①①-②-③③③③④④④④⑤⑤⑤⑤⑥⑦⑦⑦⑦⑦⑧⑨⑨⑨⑨⑨⑨⑨

①	Type	(6+1)x1;
②	Pump Propagation Direction	F=Forward; XX=Others;
③	Pump Wavelength	915=915nm; 973=973nm;
④	Signal Wavelength	1064=1064nm; 1550=1550nm;
⑤	Pump Fiber	M102=105/125, 0.22 NA; XX=Others;
⑥	Signal Fiber	1=SMF-28; 4=HI1060; 8DCF=8/125DCF; ; XX=Others;
⑦	Output Fiber	6DCF=6/125DCF; 8DCF=8/125DCF; 10DCF=10/125DCF; 20DCF=20/130DCF; XX=Others;
⑧	Fiber Length	1=1m; XX=Others;
⑨	Package	50x5x5; 70x12x8; 100X15X10;