

(2+1)×1 Multimode Pump & SM Signal Combiner

Features

High Power Transfer Efficiency
Wide Wavelength Range
Proprietary Tapering and Package Technique
Custom Configurations Available
Telcordia GR-1221 Compliant

Application

Fiber Lasers and Amplifiers
High Power EDFA
CATV Amplifiers
Laser Cutting

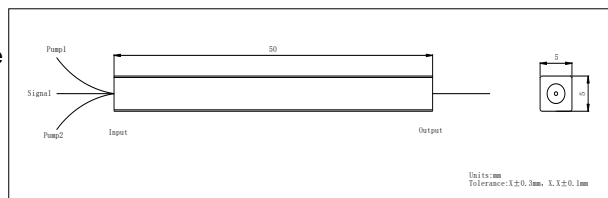


Specifications

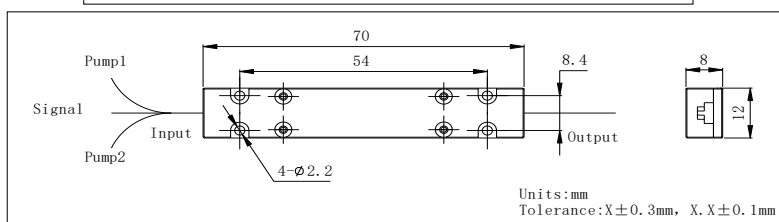
Parameters		Unit	Value			
Product Type			(2+1)x1			
Pump Wavelength Range		nm	900-1000			
Signal Wavelength Range		nm	1060	1550	1940	2000
Fiber Type	Pump Port	-	105/125 0.22NA	105/125 0.22NA	105/125 0.22NA	105/125 0.22NA
	Signal Port	-	HI1060 6/125 DCF Others	SMF-28e 10/125 DCF Others	SMF-28e SM1950 Others	SMF-28e SM1950 Others
	Output	-	10/125 DCF 20/130 DCF Others	10/125 DCF 20/130 DCF Others	10/125 DCF 20/130 DCF Others	10/125 DCF 20/130 DCF Others
Signal Channel Insertion Loss		dB	≤0.5			
Pump Efficiency		%	≥92			
Input Pump Power (Per Port)		W	5		30	
Package Size		mm	50 (L) x 5 (W) x 5 (H)		70 (L) x 12 (W) x 8 (H)	
Operating Temperature		℃	0 ~ +60			
Storage Temperature		℃	-40 ~ +85			

Package Dimensions

5W Package



30W Package



Ordering Information

MPC- ①①①①①①①①-②-③③③③-④④④④-⑤⑤⑤⑤⑤⑤-⑥-⑦⑦⑦⑦⑦⑦⑦⑦-⑧-⑨⑨⑨⑨⑨⑨⑨⑨-⑩⑩⑩

①	Type	(2+1)X1; (1+1)X1;
②	Pump Propagation Direction	F=Forward; XX=Others;
③	Pump Wavelength	976=900~1000;
④	Signal Wavelength	1060; 1550; 1950; 2000;
⑤	Pump Fiber	M102=MM-S105/125-22A; XX=Others;
⑥	Signal Fiber	1=SMF-28e; 4=HI1060; S9=SM1950; 10DCF=10/125DCF; 20DCF=20/130DCF; XX=Others;
⑦	Output Fiber	10DCF=10/125DCF; 20DCF=20/130DCF; XX=Others;
⑧	Fiber Length	1=1m;
⑨	Package	50x5x5; 70x12x8;
⑩	Power Handling	5W=5W; 30W=30W;