

2x1 Fused PM Fiber Standard Combiner

Features

- Low Excess Loss
- High Extinction Ratio
- High Power Handling
- Telcordia GR-1221 Compliant Test

Application

- Pump Combining for EDFA
- High Power Source
- Polarization Independent Source



Specifications

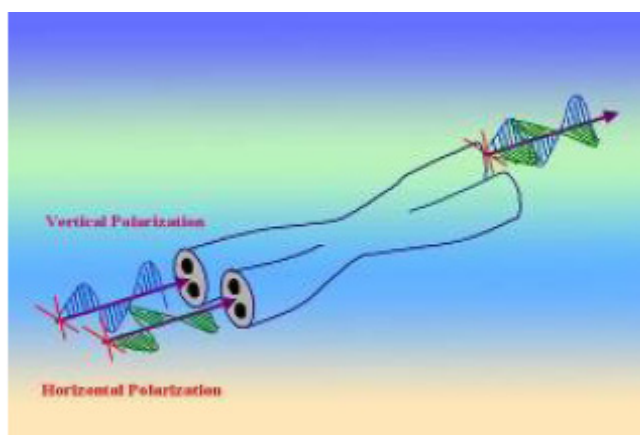
Parameter	Unit		Premium	A grade	Premium	A grade
Port Configuration			2x1			
Central Wavelength ¹	nm	-	633, 780, 830, 980, 1064		1310, 1480, 1550	
Bandwidth	nm	-	±10			
Insertion Loss in Slow Axis Channel	dB	Max.	0.6	0.8	0.4	0.6
Insertion Loss in Fast Axis Channel	dB	Max.	1.0	1.2	0.8	1.1
Insertion Loss in Fast Axis Channel	dB	Typ.	0.7	0.9	0.5	0.7
Return Loss ²	dB	Min	45			
Power Handling	mW	Min.	1000			
Operating Temperature	°C	-	-40 ~ +85			
Storage Temperature	°C	-	-50 ~ +85			
Package Type	mm	-	S9 /S10/M3			

* All specifications are before connectors. PER is 2dB lower and EL is 0.2dB higher after connectors

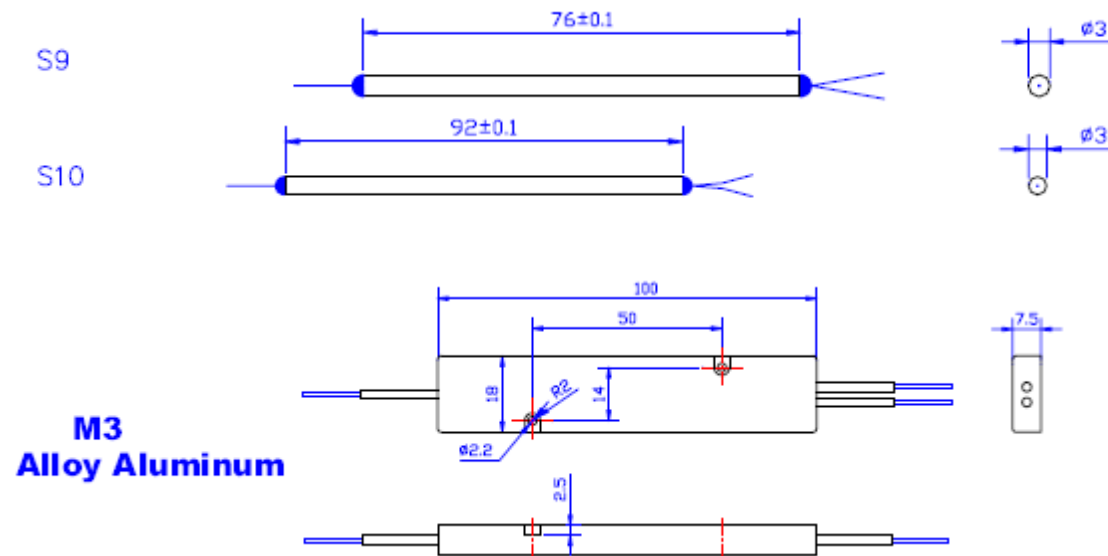
¹ Central wavelength can be customized for different applications

² Test at central wavelength only.

Typical Structure



Package dimension



Ordering Information

PMSC — —

Wavelength	Structure		Grade	Package	Fiber Type	Fiber Length	Connector
4 - 1550 nm 5 - 1480 nm 7 - 1310 nm 8 - 1064nm 9 - 980nm B - 633nm L - 780nm K - 830nm	Y - 2x1		P - Premium A - A grade	8 - S9 with 250µm bare fiber 9 - S10 with 0.9mm loose tube 10- M3 with 3mm cable	E - Panda fiber	0 - 0.5m 1 - 0.75m 2 - 1.0m	0 - None 1 - FC/PC 2 - FC/SPC 3 - FC/APC 7 - FC/UPC

Contact Information

For more information about BATi's' leadership in photonics devices, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

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