

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Polarization Maintaining Beam Combiner

PMBC Series

Features

- Low Insertion Loss
- Highly Stable & Reliable
- Epoxy-Free Optical Path
- Compact Size
- High-Power Handling

Applications

- EDFA
- Raman Amplifier
- Laboratory R&D

Polarization Maintaining Beam Combiner

Oplink's polarization maintaining beam combiner is perfect for next-generation amplification systems that require multiple pump sources. These devices feature very high power handling and low insertion loss due to the epoxy-free optical path. They are designed to work as pump combiners for EDFA and Raman amplifier systems. Oplink's patented packaging technology ensures the highest quality and reliability.



Performance Specifications

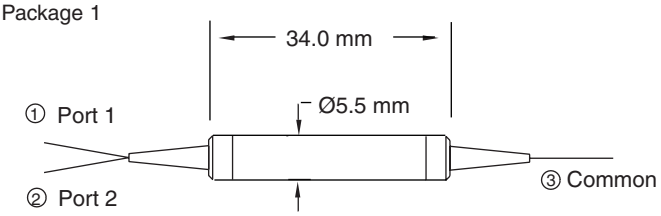
PMBC Series			Unit
Wavelength Range		1450+/-30 1480+/-30 1550+/-30	nm
Insertion Loss		Grade P ≤ 0.5, Grade A ≤ 0.7	dB
Wavelength Dependent Loss (WDL)		< 0.15	dB
Optical Return Loss		> 55	dB
Directivity		> 45	dB
Extinction Ratio		≥18, typ. 21	dB
Direction of Incident Polarization		Slow Axis	
Operating Power Handling		≤ 2000	mW
Operating Temperature		0 ~ 70	°C
Storage Temperature		-40 ~ 85	°C
Fiber Type	Input ports	Fujikura Panda, 400 UV buffer	
	Output port	Corning SMF-28	
Fiber Length		1.0 +/- 0.1	m
Physical Dimension*	P1 (with bare fiber) :	5.5 (ø) x 34.0 (L)	mm
	P2 (with 900 µm loose tube) :	5.5 (ø) x 40.0 (L)	

** The mechanical tolerance should be +/- 0.2 mm on all package dimensions unless otherwise custom specified.*

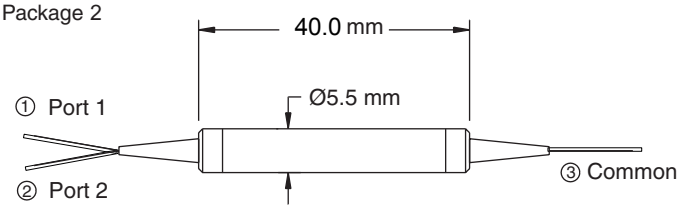
OPLINK COMMUNICATIONS

Package Dimensions:

Package 1



Package 2



Ordering Information

Oplink custom designs and manufactures high performance fiber optic networking components and integrated optical modules. Oplink can provide a remarkable range of customized optical solutions to meet your specific design needs. By combining our technical expertise with our extensive micro-optic manufacturing and packaging capability, your volume requirements for components and customized integrated products can be met. We are happy to discuss your requirements. Please contact Oplink's OEM Design Team or Sales Representative for ordering and price information (408) 965-7270.

PMBC □ □ □ □ □ 0 0 □ □ □ □

Wavelength
1450nm=1450
1480nm=1480
1550nm=1550

Grade
P Grade=P
A Grade=A

Package Type
P1=1
P2=2

Fiber Type
P1 : Bare Fiber = 1
Common: SMF-28
Port1: 400 µm PM
Port2: 400 µm PM
P2 : 900 µm loose tube= 2

Fiber Length
1 Meter=1
1.5 Meters=5
2 Meters=2

Connector Type
None=1
FC/PC=2
FC/APC=4
SC/PC= 5
SC/APC=7

Custom specs and configurations available.
Please contact Oplink for more information.

46335 Landing Parkway Fremont, CA 94538 Tel: (510) 933-7200 Fax: (510) 933-7300 Email: Sales@Oplink.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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