



Polarization Beam Combiner

Polarization Beam Combiner (PBC) is perfect for the next-generation amplifier systems such as fiber Raman amplifier that require multiple pump sources. It can combine two lights of different polarization status into one fiber depolarizationly, it can stand very high power with low insertion due to the epoxy free light path.

Features:

- Low insertion loss
- High return loss
- Stable and reliable
- Light path epoxy free

Applications:

- Raman amplifier
- High optical power EDFA

Specifications

Parameter	Unit	Value
Wavelength	nm	1420 ~ 1500
Insertion loss	dB	Grade P: <0.4 ; Grade A: <0.6
Wavelength Dependent Loss	dB	<0.15
Light Path		Port 1to3, port 2 to3
Return Loss	dB	>55
Cross Talk	dB	>50
Extinctio Ratio	dB	>18
Polarization Direction		slow axis
Operation Power	mW	<500
Operation Temperature	°C	0 ~ +60
Storage Temperature	°C	-20 ~ +85
Dimension	mm	Dia. 5.5 x 33.0

We have unbeatable low price for this product.