

## Polarization Maintaining fiber combiner

### Product Description

Two pump energies and one polarization-maintaining signal energy are combined into a single LMA double-clad optical fiber to realize the joint transmission of pump energy and polarization-maintaining signal energy in the output optical fiber. There are two types of combiner: forward pump and reverse pump. Forward pump indicates the same direction as the signal, while reverse pump indicates the opposite direction of pump and signal.

### Product Features

- Optical Amplifier
- PM Fiber EDFAs
- Fiber Lasers

### Specifications

Pumping fiber	Signal fiber	output fiber	Min pump efficiency	Max signal loss	Min extinction ratio	Max single-arm power
105/125 0.22	PM6/125SC	PM6/125DC	90%	0.3dB	20dB	50W
105/125 0.22	PM6/125SC	PM10/125DC	90%	0.7dB	18dB	50W
105/125 0.22	PM6/125SC	PM20/125DC	90%	0.7dB	18dB	50W
105/125 0.22	PM8/125SC	PM8/125DC	90%	0.3dB	20dB	50W
105/125 0.22	PM10/125SC	PM10/125DC	90%	0.3dB	20dB	50W
200/220 0.22	PM30/250DC	PM30/250DC	90%	0.5dB	18dB	50W

### Ordering Information

structure	Pump direction	Pumping fiber	Signal fiber	Output fiber	package
PM (2+1)×1	forward pumping backward pumping	105/125 0.22 Specify	PM6/125SC Specify	PM6/125DC Specify	65mmX12mmX7.5mm Specify