



980nm 1x2(2x2) PM Fiber Fused Coupler

Key Features

- Low Insertion Loss
- High Extinction Ratio
- Compact In-Line Package
- Operating on both Fast and Slow Axis
- High Stability and Reliability

DK Photonics uses unique fusing technique and polarization maintaining fiber to build the polarization maintaining fused coupler (PMC). The coupling ratio could be selected according to customer's request. It features low excess loss, small size and high polarization extinction ratio. PMC is widely used for optical sensors and optical gyro.

The 1x2(2x2) Polarization Insensitive Fused PM Fiber Standard Coupler can be used to split high power linearly polarized light into two paths without perturbing the line are state of polarization (SOP). It can be operating on both Fast and Slow Axis.

If you do not see a standard PM Fused Coupler that meets your needs, we welcome the opportunity to review your desired specification and quote a custom PM fused Coupler. Requests for custom fiber pigtailed, different wavelengths, tap Ratio and handling power of operation or other specific needs will be readily addressed.

Applications

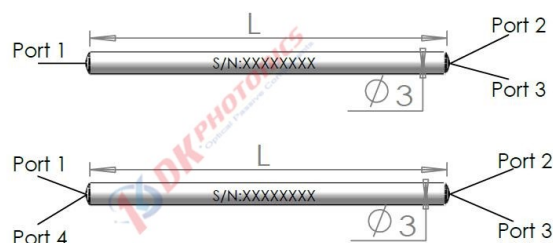
- Fiber Optic Instruments
- Fiber Amplifiers
- Fiber Sensors
- Coherent Detecting
- Research



Max. Coupling Ratio Tolerance(780~2100nm), @λc:

Coupling Ratio	1/99	2/98	5/95	10/90	20/80	30/70	40/60	50/50
Tolerance for P grade (%)	±0.4	±0.6	±0.8	±1.2	±2.0	±2.5	±2.5	±3.5
Tolerance for A grade (%)	±0.6	±0.8	±1.0	±2.0	±2.5	±3.5	±3.5	±5.0

Package Dimension



*Due to ongoing design improvements, the package size is subject to change. Please contact DK Photonics for confirmation if you have special requirements.

For more Info

Please contact us at:

Tel: +86-755-23736280

Fax: +86-755-26746512

E-mail: sales@dkphotonics.com

<https://www.dkphotonics.com>

Add.:

4F, Bldg. 18, Qinghu Industrial Park,

Dahe Road, Longhua Dis.,

Shenzhen, China 518109

