

## PASSIVE COMPONENTS

# 1x2 / 2x2 Fused PM Fiber Splitter

Polarization-maintaining fused splitter covering eight wavelengths from 780 nm to 2000 nm.



## Key Features

- Polarization-maintaining construction
- Eight center wavelengths from 780 nm to 2000 nm
- 1x2 and 2x2 configurations
- Excess loss  $\leq 0.6$  dB in A grade
- $\pm 20$  nm bandwidth at each wavelength

## Applications

- Fiber laser and amplifier subassemblies
- Interferometric sensing
- Quantum optics experiments
- Polarization-sensitive instrumentation

## Overview

A fused polarization-maintaining splitter in 1x2 and 2x2 configurations. Its range is the useful part: eight center wavelengths — 780, 830, 980, 1064, 1310, 1480, 1550 and 2000 nm — each with  $\pm 20$  nm of bandwidth, which covers most fiber laser and sensing work in one product family.

Excess loss is 0.6 dB in the A-grade build and 1.0 dB in the standard grade.

## Specifications

### Optical Performance

| PARAMETER            | VALUE                                                       | UNIT | CONDITIONS            |
|----------------------|-------------------------------------------------------------|------|-----------------------|
| Number of Channels   | 1x2, 2x2                                                    |      |                       |
| Operating Wavelength | 780 / 830 / 980 /<br>1064 / 1310 /<br>1480 / 1550 /<br>2000 | nm   | Bandwidth $\pm 20$ nm |
| Excess Loss          | $\leq 0.6$                                                  | dB   | A grade               |
| Excess Loss          | $\leq 1.0$                                                  | dB   | Standard grade        |

#### Order or request a quote

+1 (619) 500-4899 · sales@lightwitphotonics.com

lightwitphotonics.com

Monday–Friday, 8:00 AM – 6:00 PM Pacific

**Lightwit Photonics Co., Ltd.**

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