

PASSIVE COMPONENTS

1x3 Fused PM Fiber Splitter

Polarization-maintaining 1x3 splitter with an even 33:33:33 division at 1550 nm.



Key Features

- Polarization-maintaining construction
- Even 33:33:33 three-way split
- Insertion loss ≤ 6.0 dB
- 1550 nm center with ± 20 nm bandwidth

Applications

- Three-arm interferometric sensors
- Multi-channel PM signal distribution
- Fiber gyroscope assemblies
- Laboratory optical distribution

Overview

A polarization-maintaining splitter that divides one input evenly into three outputs at 1550 nm, with ± 20 nm of bandwidth. Three-way even splits are awkward to make in fused construction, which is why they are worth stocking rather than approximating with cascaded 1x2s.

Insertion loss is 6.0 dB or better, close to the 4.8 dB theoretical minimum for a three-way split.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT
Splitting Ratio	33 : 33 : 33	
Operating Wavelength	1550 ± 20	nm
Insertion Loss	≤ 6.0	dB

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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