

# 980 Coupler Fiber Optic



## Overview

Couplers that can be used at 980 nm with coupling ratios of 50:50, 75:25, 90:10, or 99:1 are featured below. 980 nm narrowband couplers with a  $\pm 15$  nm bandwidth offer low insertion loss performance at the center wavelength. Thorlabs offers a wide range of narrowband and wideband single mode 2x2 fused fiber optic couplers, as highlighted in Table 1. Need a product customized?

We can customize our products to fit your requirements. G&H proprietary manufacturing technology provides uniquely low excess loss, along with low polarization and temperature. 1x2 Single Mode (SM) Fiber Splitters/Couplers allow for a single fiber input to be split into two outputs or for multiple inputs to be combined into one output. 1x2. Coherent Erbium-Doped Fiber Coupler (EDFC) fibers are designed for advanced optical amplifier systems.



## Article Content

Hot

G& H Products | SM Couplers | Fused Coupler 980nm

These fused couplers are available in a wide range of tap ratios, wavelength ranges, housing, and connector options, and can be readily specified in a wide variety of applications, enabling rapid

Jul 03, 2025 Hot

980 nm 2x2 Polarization-Maintaining Fiber Optic Couplers / Taps

Features 980 nm Polarization-Maintaining Fiber Optic Couplers 50:50, 75:25, 90:10, or 99:1 Split Ratio Bidirectional Coupling (Either End Can Be Used as an Input) 2.0 mm Narrow Key FC/PC or FC/APC

Apr 26, 2026 Hot

980 nm, 1x2 Single Mode Fused Fiber Couplers / Taps

Wideband and Narrowband Couplers for Use at 980 nm Available with 50:50, 75:25, 90:10, or 99:1 Coupling Ratio Terminated with 2.0 mm Narrow Key FC/PC or FC/APC Connectors Use for Splitting

Feb 27, 2026 Hot

980/1550nm and 980/1590nm Fused WDM Coupler

The 980/1550nm and 980/1590nm fused wdm coupler (wavelength combiner/splitter, wavelength selective coupler) is wavelength-dependent fiber optic WDM.

Aug 25, 2025 Hot

SM WDM 980/1550

Series 980/1550 nm WDM is based on Agiltron's advanced fused taper technology and compact packaging structure. It features insertion loss, high isolation, flat passband, high reliability and The

Nov 19, 2025 Hot

980 nm 2x2 Polarization-Maintaining Fiber Optic Couplers / Taps

These 2x2 Polarization-Maintaining (PM) Fiber Couplers are designed for operation at 980 nm and are available with a 50:50, 75:25, 90:10, or 99:1 coupling ratio. 2x2 couplers are bidirectional and can be

Dec 23, 2025 Hot

Fiber Optic WDM Coupler/Splitter 980/1550 nm

It features low insertion loss, high isolation, flat passband, high reliability, and stability. The device is ideal for 980 pump and 1550 nm signal wavelength division multiplexing in fiber optic amplifier systems.

Dec 14, 2025 Hot

#### Fiber Optic WDM Coupler/Splitter 980/1550 nm

The FC Series 980/1550 nm WDM is based on Agiltron's advanced fused biconical taper technology and compact packaging structure. It features low insertion loss, high isolation, flat passband, high

Dec 02, 2025 Hot

#### WDM Coupler 980/1550nm

WDM (wavelength division multiplexing) pump coupler multiplexes pump laser powers at 980nm and optical signals at 1550 or 1590nm into Erbium doped fiber in an optical amplifier. Usually 980/1550nm

Dec 15, 2025 Hot

#### FiberOptic Coupler/Splitter 980 nm Single Mode

Series fiber optic wideband coupler is based on Agiltron's fused biconical taper technology and compact packaging structure. It features uniformity, low excess loss and very low polarization sensitivity.

Jun 13, 2026 Hot

#### Fused PM WDM Coupler 980/1550 & 1064/1550nm

Features: High Coupling efficiency Low Insertion Loss & PDL High reliability 1x2 and 2x2 Wavelengths: 980/1550 and 1064/1550nm Various connector and fiber options Applications: Amplifier Fiber Laser

Oct 14, 2025 Hot

#### 980 NM, SINGLE MODE FUSED FIBER OPTIC COUPLERS

2x2 fused fiber optic couplers, as highlighted in the table to the right. Couplers that can be used at 980 nm with d couplers with a  $\pm 15$  nm bandwidth offer low insertion loss performance at the center

Mar 07, 2026 Hot

#### 980/1550 nm Coupler Fiber

Coherent 980C-HP fiber is a high-performance, mid-NA fiber optimized for use by coupler manufacturers in the telecom industry. It features low, consistent splice and bend loss, and a design to minimize

Apr 14, 2026 Hot

Faserkoppler (1 auf 2), 980 nm, 50:50, FC/APC | Edmund Optics

Einmodenfaser-Splitter/-Kopplern (1 auf 2) sind für den Einsatz in Systemen mit einer optischen Leistung von bis zu 300 mW ausgelegt und verfügen über FC/APC-Anschlüsse.

Aug 13, 2025 Hot

1x2 Fiber Coupler, 980nm, 99:1,FC/APC

These narrowband couplers feature center wavelengths of 980, 1064, or 1550nm with coupling ratios of 50:50, 75:25, 90:10, or 99:1. 1x2 Single Mode (SM) Fiber Splitters/Couplers are rated for use in

Dec 04, 2025 Hot

1x2 Fiber Coupler, 1550nm, 50:50,FC/APC

These narrowband couplers feature center wavelengths of 980, 1064, or 1550nm with coupling ratios of 50:50, 75:25, 90:10, or 99:1. 1x2 Single Mode (SM) Fiber Splitters/Couplers are rated for use in

Oct 24, 2025 Hot

TN980R1A1B

The TN980R1A1B from Thorlabs Inc is a Fiber Optic Coupler with Optical Power 1 to 5 W, Excess Loss <0.2 dB, Insertion Loss <0.4 to 24.3 dB, Bandwidth  $\pm 15$  nm, Wavelength 980 nm. More details for

Sep 09, 2025 Hot

G& H Products | SM Couplers | Fused Coupler 980nm

G& H Fiber Optic SM Couplers | Fused Coupler 980nm for splitting and monitoring of pump power in erbium-doped fiber amplifiers at 980 nm.

Jul 30, 2025 Hot

FC980-99B-APC

Products Home / Fiber Components / Fused Fiber Optic Couplers / Splitters / 2x2 SM Fiber Couplers/Taps / / FC980-99B-APC This product has been superseded by part number TN980R1A2B

Oct 25, 2025 Hot

Coupler Fiber Nufern 980/1550 nm

Nufern 980/1550 nm Coupler Fiber Coherent 980C-HP fiber is a high-performance, mid-NA fiber optimized for use by coupler manufacturers in the telecom industry. It features low, consistent splice

Mar 18, 2026 Hot

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

Get product specifications, Download the Datasheet, Request a Quote and get pricing for 980nm 1x2 (2x2) PM Fiber Fused Coupler on GoPhotonics.

Jul 20, 2025 Hot

EDFC-980-HP, Er-Doped Fiber Coupler, Optical Fiber

Coherent Erbium-Doped Fiber Coupler (EDFC) fibers are designed for advanced optical amplifier systems. These fibers are optimized for coupling performance with high NA pump lasers at 980 nm,

Mar 26, 2026 Hot

G& H Products | Couplers for harsh environments | High Reliability

High Reliability Fused Coupler 980nm Band For combining and monitoring signals at the wavelengths of 960, 980 or, 1060 nm in harsh environments such as undersea and space, where the costs of

Nov 10, 2025 Hot

1x2 Fiber Coupler, 980nm, 99:1,FC/APC

These couplers are ideal for applications that require light to be split from a single input into two outputs at a specific, narrow wavelength range and coupling ratio.

Apr 13, 2026 Hot

High Reliability Fused Coupler 980nm Band

The ultra-low loss of our fused fiber components helps to promote low noise and improved system margin in undersea transmission systems. Full facilities are available to perform customer-specific HI

Sep 12, 2025 Hot

980 nm, Single Mode Fused Fiber Optic Couplers / Taps

Thorlabs offers a wide range of narrowband and wideband single mode 2x2 fused fiber optic couplers, as highlighted in the table to the right. Couplers that can be used at 980 nm with coupling ratios of

Dec 30, 2025

## Contact Us

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