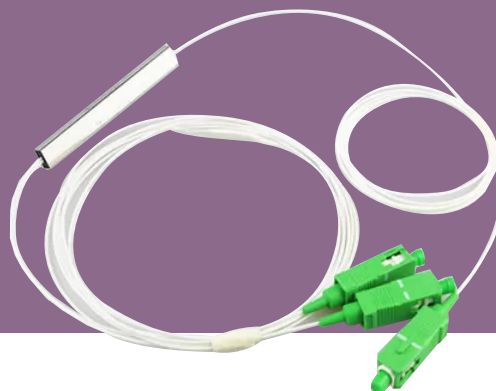


# Fiber Optic Ratio Splitter



The Fiber Optic Ratio Splitter, also known as a fiber optic coupler, is a device designed for power distribution and tapping in optical fiber amplifier, online monitoring system, PON (passive optical network), OCT medical imaging, and CATV solutions. It is capable of distributing or combining optical power among different optical fibers by a certain coupling ratio.

## Technical Applications

Fiber Type	Single Mode or Multimode
Steel Tube Dimensions	3x54mm
Input/ Output Fiber Diameter	0.9mm
Application	Optical Fiber Communication System
Coupling Ratio	Random (1/99 to 50/50)
Input/ Output Fiber Length	1m (optional)
Connector	SC, LC, FC, ST, MU, E2000, MPO, etc.
Operating Wavelength	780nm, 850nm, 980nm, 1060nm, 1310nm, 1490nm, 1550nm, 1577nm, 1625nm
Product Type	1x2 (Power Split Ratio 1/99, 5/95, 10/90, 20/80, 30/70, 40/60, 50/50)

The Fiber Optic Ratio Splitter is available in various coupling ratios and is suitable for use with single-mode or multimode fibers. It has a steel tube dimension of 3x54mm and an input/output fiber diameter of 0.9mm. The connector options available are SC, LC, FC, ST, MU, E2000, MPO, etc. The operating wavelength ranges from 780nm to 1625nm. With its high reliability, stability, and various coupling ratios, the Fiber Optic Ratio Splitter is an ideal solution for applications requiring power distribution and tapping in optical fiber communication systems.

## KEY FEATURES

- High reliability and stability.
- Available in single mode/multi mode fiber and other fibers upon request.
- Operating wavelength 780nm, 850nm, 980nm, 1060nm, 1310nm, 1490nm, 1550nm, 1577nm, 1625nm optional.
- Available in various coupling ratios, such as 50/50, 40/60, 30/70, 20/80, 10/90, 05/95 & 1/99.
- Available in 250um & 900um fiber, optical cable.
- Available in LC/UPC, LC/APC, FC/UPC, FC/APC, SC/UPC, SC/APC, ST, E2000 connector.

**NOTE:** The image is for reference only, actual product may differ based on customer's requirements. We customize products to meet unique specifications and ensure customer satisfaction.