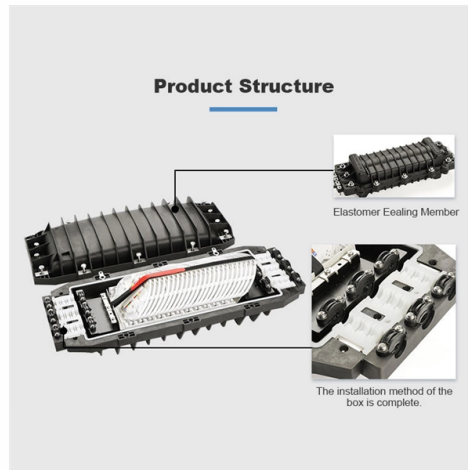


Where to buy low-noise low-insertion-loss splitters



Overview

RF Power Dividers/Splitters are designed to break an input signal into two or more output signals with a specific phase and amplitude. The insertion loss ranges from 0. Shop DigiKey's large in-stock selection of RF Power. RF power splitters / dividers are passive RF / microwave components used for splitting (or dividing) microwave signals. fiber optic splitter, optical splitter, PLC splitter, FBT splitter, fiber splitter, passive optical network, PON splitter, FTTH splitter, fiber optic splitter box, splitter. Optical splitters and couplers split or combine light—distributing signals injected into a single fiber strand to multiple fibers, enabling point to multi-point communication in Fiber To The Home (FTTH) networks based on ITU. T PON standards such as GPON, XGS-PON and new 25 and 50G standards. The low slope, the high port-to-port isolation and the very low difference in insertion loss between the paths makes it a high quality tool in head-end installations.



Article Content

Oct 05, 2025

RF Power Splitters/Dividers, RF Power Combiners

Low insertion loss High Isolation up to 14W power handling Low amplitude unbalance SMA connectors ZN2PD-V54+ Coaxial, DC Pass 2 Way-0° Power

Jan 07, 2026

Ultra Broadband Low Loss Splitter/Combiner | DEV 2644

The Ultra Broadband Low Loss Splitter/Combiner DEV 2644 is wall mountable compact 1:4/4:1 passive splitter or combiner. The low slope, the high port-to-port

Jun 21, 2026

RF Power Splitters

Our coaxial splitters are available with SMA, N-Type, F-Type, BNC, 2.92mm and 2.4mm connectors. Choose from over 580 models in stock with frequency ranges

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Fiber Optic Splitters | PLC & FBT Optical Splitters

Discover a wide range of reliable fiber optic splitters. Our PLC and FBT splitters offer low loss and various split ratios for FTTH, PON, and CATV networks.

Jan 07, 2026

Do Coaxial Splitters Reduce Signal? Understanding the Impact on

Minimizing Signal Loss With Coaxial Splitters While coaxial splitters can reduce signal quality, there are several steps you can take to minimize the loss: Use a high-quality splitter: Using a

Apr 14, 2026

Compact and Low-Insertion-Loss 1×N Power Splitter in Silicon Photonics

In this paper, a novel design of a 1×N multimode-interference power splitter is proposed and investigated. By using the finite difference time domain method and particle swarm optimization

Apr 06, 2026

Beam Splitters – Buying Guide & Supplier List | RP

Beam Splitters – Buying Guide & Suppliers Use this beam splitters buying guide to compare major types, define selection criteria, and find suppliers: [☐☐](#) Technical

Jul 23, 2025

ANTOP Low-Loss 3 Way Coaxial Splitter for TV Antenna

The ANTOP 3-ways Splitter splits a single incoming coaxial signal, such as satellite signal, over-the-air HD (digital TV) antenna signal, into two outgoing signals.

Nov 03, 2025

High Frequency Power Dividers

These power splitters offer low insertion loss and very good return loss, along with being available quickly, which is ideal for initial proof-of-concept testing and prototype builds. These RF splitters are

Jul 03, 2025

RF Power Combiners

Our coaxial splitters are available with SMA, N-Type, F-Type, BNC, 2.92mm and 2.4mm connectors. Choose from over 580 models in stock with frequency ranges

Oct 09, 2025

RF Power Dividers/Splitters | RF and Wireless | DigiKey

Shop DigiKey's large in-stock selection of RF Power Dividers/Splitters. View inventory, pricing and order now for same day shipping!

May 19, 2026

All About RF Power Splitters

They provide low insertion loss, good isolation between output ports, and maintain phase coherence between output signals. Wilkinson splitters are typically available in 2-way, 3-way, and 4

Feb 27, 2026

Understanding Power Splitters

A well-designed power splitter will offer high isolation, low insertion loss and good VSWR. You just don't encounter a power splitter with high isolation and poor VSWR, nor high isolation with a

Oct 20, 2025

Power Dividers & Combiners

Available in 2-Way to 32-Way configurations, our lineup includes Wilkinson power splitters, lumped element, resistive, and high-power designs—each delivering

Aug 17, 2025

Buy 8 Way RF Splitter Low Insertion Loss | Alibaba

Discover our 8-way RF splitter, featuring SMA interfaces and covering 698-2700MHz. Available starting from around \$30, with a minimum order of 1 unit. Suitable for resale.

Jun 09, 2026

Stripline Power Dividers | Broadband RF Splitters with Low Insertion ...

MCLI offers power dividers and combiners that are highly reliable with exceptional specifications offering broadband frequency ranges high isolation, low insertion loss, low VSWR, low and high power

Dec 05, 2025

Optical Splitters for Central Office/Headend

CommScope's optical splitter products enable: Faster turn-up of passive optical networks (PONs) Reliability and performance in outside plant environments Low

Sep 07, 2025

Amazon : Low Loss Cable Splitter

Get premium coaxial splitters with corrosion-resistant connectors and shielding. Perfect for distributing cable, satellite, antenna, and MoCA internet signals.

Sep 18, 2025

RF Power Dividers/Splitters | RF and Wireless | DigiKey

RF Power Dividers/Splitters RF Power Dividers/Splitters are designed to break an input signal into two or more output signals with a specific phase and amplitude.

Jun 02, 2026

Buy 8 Way RF Splitter Low Insertion Loss | Alibaba

Cheaper splitters may work fine in low-demand setups, but they often degrade faster, introduce noise, or fail under heavy loads. For whole-home distribution, home offices, or multi-room entertainment

Nov 06, 2025

High Frequency Power Dividers

These RF splitters are ideal for telecom carriers, cell phone, contract and defense manufacturers, labs and research institutes. Pasternack's new high frequency power dividers are in-stock and ready for

Mar 31, 2026

Two Gigahertz Low-Loss RF Splitters for TV and Satellite MKII

Ultra Low-Loss Design in Monster's Best Splitter for TV and Satellite Signals. 5MHz - 2 GHz bandwidth is digital ready for splitting TV signals. Internal impedance matching network for

Jun 02, 2026

Low Insertion Loss Microstrip Power Divider 1550

This RF Splitter Series provide a low loss, equal power split at all output ports while maintaining excellent amplitude and phase balance. Mainly

Sep 04, 2025

AN10-006

A well-designed power splitter/combiner will offer high isolation, low insertion loss and good VSWR. You just don't encounter a power splitter/combiner with high

Jun 17, 2026

ANTOP 3 Way Antenna Coaxial Splitter, TV Signal

Buy ANTOP 3 Way Antenna Coaxial Splitter, TV Signal Splitter 2GHz- 5-2050MHz - Low-Loss RF Splitter for TV and Satellite AT-706: Splitters - Amazon FREE

Oct 27, 2025

Bolton Technical Low-PIM 3 Way Splitter & Coupler for

This 3-way antenna splitter is built with low insertion loss and low VSWR so both outputs receive evenly distributed, strong signals exactly what your system needs

Dec 21, 2025

Resistive Splitters

Resistive splitters are an essential component for signal distribution in RF and microwave systems, offering low insertion loss, wide frequency range,

Oct 30, 2025

Power Splitters/Combiners: Frequently Asked Questions

A. The key performance parameters of a power splitter are usually influenced in the same direction during the design stage. A well-designed power splitter will offer

Contact Us

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