



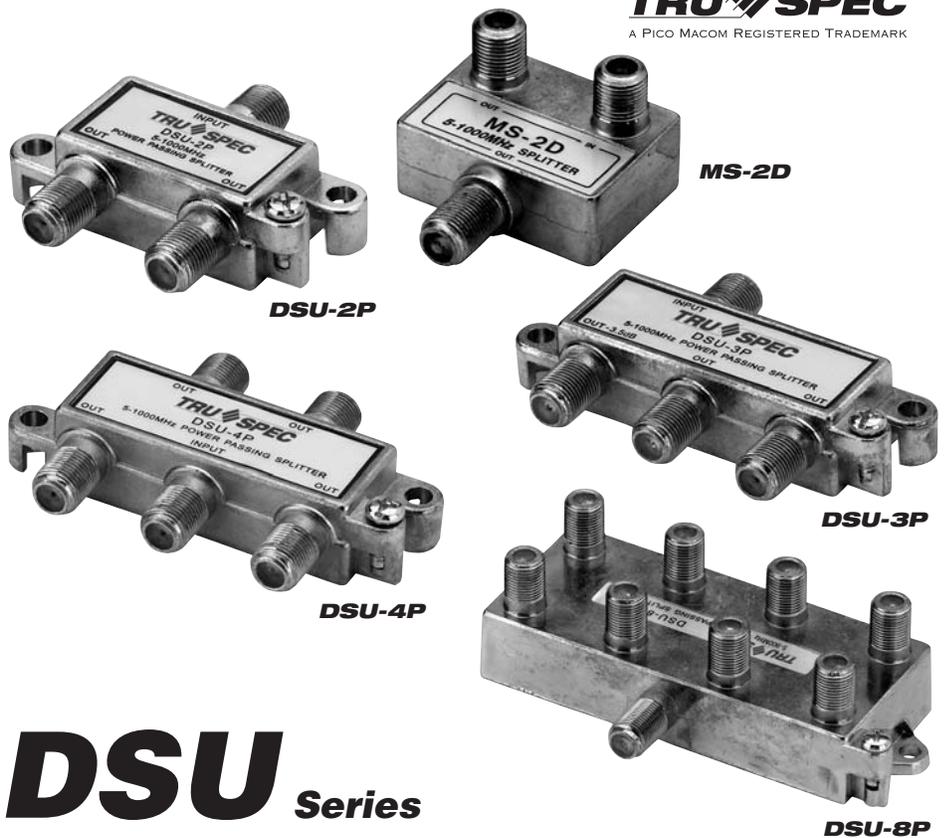
DSU

Series

1GHz 70dB EMI MATV Splitters

- ▶ **Broadband 5-1000MHz frequency range**
- ▶ **DC power-passing on all ports provides for remote powering applications and powering antenna preamplifier directly from the headend**
- ▶ **High-performance printed board circuitry provides improved hum modulation and intermodulation parameters to ensure superior signal quality**
- ▶ **Yellow-chromate plated zinc-alloy diecast housing ensures excellent ground bonding and long corrosion-free service life in indoor/outdoor applications**
- ▶ **Epoxy-sealed back cover provides effective EMI-RFI shielding >-70dB eliminating signal ingress to provide distortion free pictures**
- ▶ **1-inch centered 3/8" long precision machined F-connector threads ensure improved port-to-connector interface and accommodate external security devices**
- ▶ **High retention internal seizing pins provide improved connectivity to connector center lead**
- ▶ **Cast-in mounting-tab and ground block with provided mounting screws enables easy installation**
- ▶ **Performance tests conducted conforming with SCTE standards IPS TP-201, 202, 203, 406**

TRU SPEC™
A PICO MACOM REGISTERED TRADEMARK



DSU

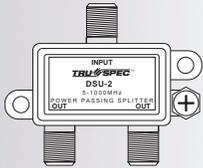
Series

1GHz 70dB EMI MATV Splitters

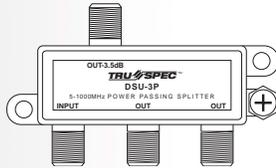
Manufactured to high performance standards, TruSpec's DSU-series 1GHz professional-grade MATV splitters provide excellent performance at low costs, rivaling competitors' equivalent models. Applications range from residential to MDU installations in international and domestic cable distribution systems. Our advanced printed board circuitry includes special ferrite core material guaranteeing minimal insertion loss, optimal isolation and return loss to 1GHz ensuring high-quality signal transfer. **DSU series** F-port threads are precision machined, ensuring easy connector installation and removal, and improved port-to-connector interface. The zinc-alloy cast case and epoxy sealed back plate provide superior RFI shielding (-70dB) and a full environmental seal. Each **DSU** splitter is individually tested at the factory to comply with precise quality standards.

DSU Series

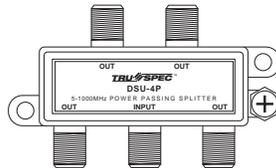
1GHz 70dB EMI MATV Splitters



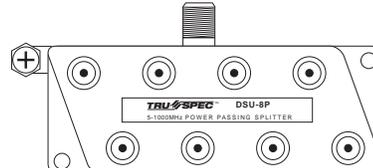
DSU-2P



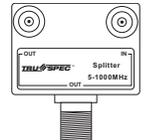
DSU-3P



DSU-4P



DSU-8P



MS-2D

Specifications

DSU-2P and MS-2D

Insertion Loss (In-Out) : 3.5dB Typical **Trace A**
Return Loss (Output): 27dB Typical
Isolation (Out-Out): 34dB Typical
Dimensions: (DSU-2P) 2.3"(L) x 1.9" (W) x 0.6"(H)
 (MS-2D) 1.8"(L) x 1.6" (W) x 1.0"(H)

DSU-3P

Insertion Loss (In-Out): 3.5dB Typical **Trace A**
 7.0dB Typical **Trace B**
Return Loss (Output): 31dB Typical
Isolation (Out-Out): 29dB Typical
Dimensions: 3.0"(L) x 1.9"(W) x 0.6"(H)

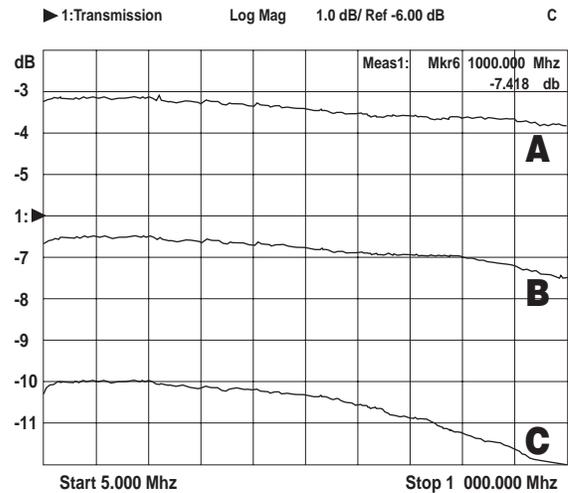
DSU-4P

Insertion Loss (In-Out): 6.9dB Typical **Trace B**
Return Loss (Output): 24dB Typical
Isolation (Out-Out): 38dB Typical
Dimensions: 3.0"(L) x 1.9"(W) x 0.6"(H)

DSU-8P

Insertion Loss (In-Out): 10dB Typical **Trace C**
Return Loss (Output): 23dB Typical
Isolation (Out-Out): 28dB Typical
Dimensions: 4.4"(L) x 2.3"(W) x 1.2"(H)

INSERTION LOSS Typical



Ordering Information

DSU-2P 2-Port Splitter
DSU-3P 3-Port Splitter
DSU-4P 4-Port Splitter

DSU-8P 8-Port Splitter Vertical Configuration
MS-2D 2-Port Splitter Vertical Configuration

Specifications Subject to Change

© Copyright 2003 Pico Macom, Inc.