

# IM148699

APS-1

## **Antenna Combiner/Splitter**

The APS-1 is a 2:1 antenna splitter or combiner. This is a great solution to combine or distribute simple 2-up systems set-ups of BTR-800 or BTR-700. The APS-1 can be used with any UHF Telex<sup>®</sup> RadioCom<sup>™</sup> base.

### **Features**

Small Size, approximately 2" x 2"

**Convenient TNC connectors (NO Coaxial Adapters** 

Required)

Signal Loss: -3.5 dB

Frequency Range: 100 MHz to 900 MHz

Low insertion loss, 0.3 dB typ.

Good isolation, 26 dB typ.

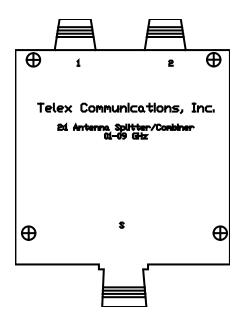
Up to 5W power input as splitter

Excellent amplitude unbalance, 0.1 dB typ.

Excellent phase unbalance, 1 degree typ.

Rugged shielded case

## **Line Drawing**



## **APS-1 Specifications**

#### **Maximum Ratings**

**Operating Temperature** 

-55° C to 100° C

**Storage Temperature** 

-55° C to 100° C

**Power Input** 

5W max.

**Internal Dissipation** 

1W max.

**Splitter Electrical Specifications** 

**Frequency Range** 

100 MHz to 900 MHz

Isolation

23 dB typ.

18 dB min.

Insertion Loss Above 3.0 dB

0.3 dB typ.

1.0 dB max.

Phase Unbalance (degrees)

3 max.

**Amplitude Unbalance** 

0.3 dB max.

**VSWR** 

1.5:1 max.

**Product Dimensions/Weight** 

APS-1

2"W by 2"H (5.08cm x 5.08cm), 4 oz (113 g)

**Shipping Dimensions/Weight** 

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4"D x 3"W x 3"H (10.16cm x 7.62cm x 7.62cm), 1 lb (.45 kg)

#### **Contact Information**

Telex Communications, Inc. 12000 Portland Avenue South Burnsville, Minnesota 55337 Telephone: 877-863-4169

Form Number: LIT000266000 Rev A

Date: August 2008

Fax: (800) 323-0498

**Ordering Information** 

APS-1

Antenna Combiner/Splitter Catalog Number: 879889

This specifications information is preliminary and is subject to change without notification.

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