

**4 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts**

Fairview Microwave carries a wide selection of power dividers to fit your needs. These components are essential in many systems, allowing the combination of multiple signals or splitting of a single signal into multiple signals with equal magnitude and phase. Fairview Microwave's resistive and reactive power dividers come with excellent performance featuring minimal loss, high isolation and low VSWR. They are available in both narrow and broad bandwidths with a variety of connector types.

The MPR03-4 is a 4 way resistive power divider that operates from DC to 3 GHz and can handle up to 1 Watts (CW). This SMA power divider offers 12.75 dB max insertion loss and 1.3:1 max VSWR. The package interface uses SMA inputs on all of the ports.



**Features:**

- 4-Way Power Divider
- Resistive Design
- DC to 3 GHz Frequency Range
- Max Power 1W (CW)

**Applications:**

- Test and Measurement
- Military Communications
- Commercial Communications
- Wireless Communications
- SATCOM

**Electrical Specifications**

Design: Resistive  
Number of Output Ports: 4

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Input VSWR			1.3:1	
Output VSWR			1.3:1	
Insertion Loss			12.75	dB
Amplitude Balance			±0.3	dB
Nominal Power Splitting		6		dB
Input Power (CW)			1	Watt

Electrical Specification Notes:  
Values at +25°C, sea level.  
Insertion loss includes 12dB theoretical loss.

**Mechanical Specifications**

**Size**  
Length: 1.5 in [38.1 mm]  
Width: 1.3 in [33.02 mm]  
Height: 0.65 in [16.51 mm]  
Weight: 0.098 lbs [44.45 g]

**Configuration**  
Input Connector: SMA Female  
Output Connectors: SMA Female

**Environmental Specifications**

**Temperature**  
Operating Range: +0 to +70 deg C  
Storage Range: -55 to +120 deg C

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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

4 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [4 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts MPR03-4](#)

URL: <https://www.fairviewmicrowave.com/4-way-power-divider-sma-resistive-3-ghz-1-watts-mpr03-4-p.aspx>

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