

**2 Way Power Divider 3.5mm Connectors Resistive
 From DC to 26.5 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 Wilkinson 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 such as 2.92mm, BNC, N and SMA.

The MPR26-2A is a 2 way resistive power divider that operates from DC to 26.5 GHz can handle up to 1 Watt (CW) with 8.5 dB max insertion loss. The package interface uses 3.5mm female connectors and is REACH and RoHS compliant.

Electrical Specifications

| Design | Resistive | | | |
|---|-----------|-----|-------|--------|
| Number of Output Ports | 2 | | | |
| Description | Min | Typ | Max | Units |
| Frequency Range | DC | | 26.5 | GHz |
| Impedance | | 50 | | Ohms |
| Input VSWR | | | 1.7:1 | |
| Insertion Loss | | | 8.5 | dB |
| Input Power (CW) | | | 1 | Watts |
| Input Power (Peak) 5µs pulse, 0.05% duty cycle | | | 1 | KWatts |

Electrical Specification Notes:
 Insertion loss includes splitting loss.

Mechanical Specifications

| | |
|-------------|---------------------|
| Size | |
| Length | 0.58 in [14.73 mm] |
| Width | 0.58 in [14.73 mm] |
| Height | 0.35 in [8.89 mm] |
| Weight | 0.035 lbs [15.88 g] |

Configuration

| | |
|-------------------|---------------|
| Package Type | Connectorized |
| Input Connector | 3.5mm Female |
| Output Connectors | 3.5mm Female |

Environmental Specifications

Temperature

| | |
|-----------------|-------------------|
| Operating Range | -55 to +125 deg C |
|-----------------|-------------------|

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

| | |
|-----------------|------------|
| RoHS Compliant | Yes |
| REACH Compliant | 12/17/2015 |



Features:

- 2-Way Power Divider
- Resistive Design
- DC to 26.5 GHz Frequency Range
- Max Power 1 Watt (CW)
- Insertion Loss < 8.5 dB

Applications:

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

Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Plotted and Other Data

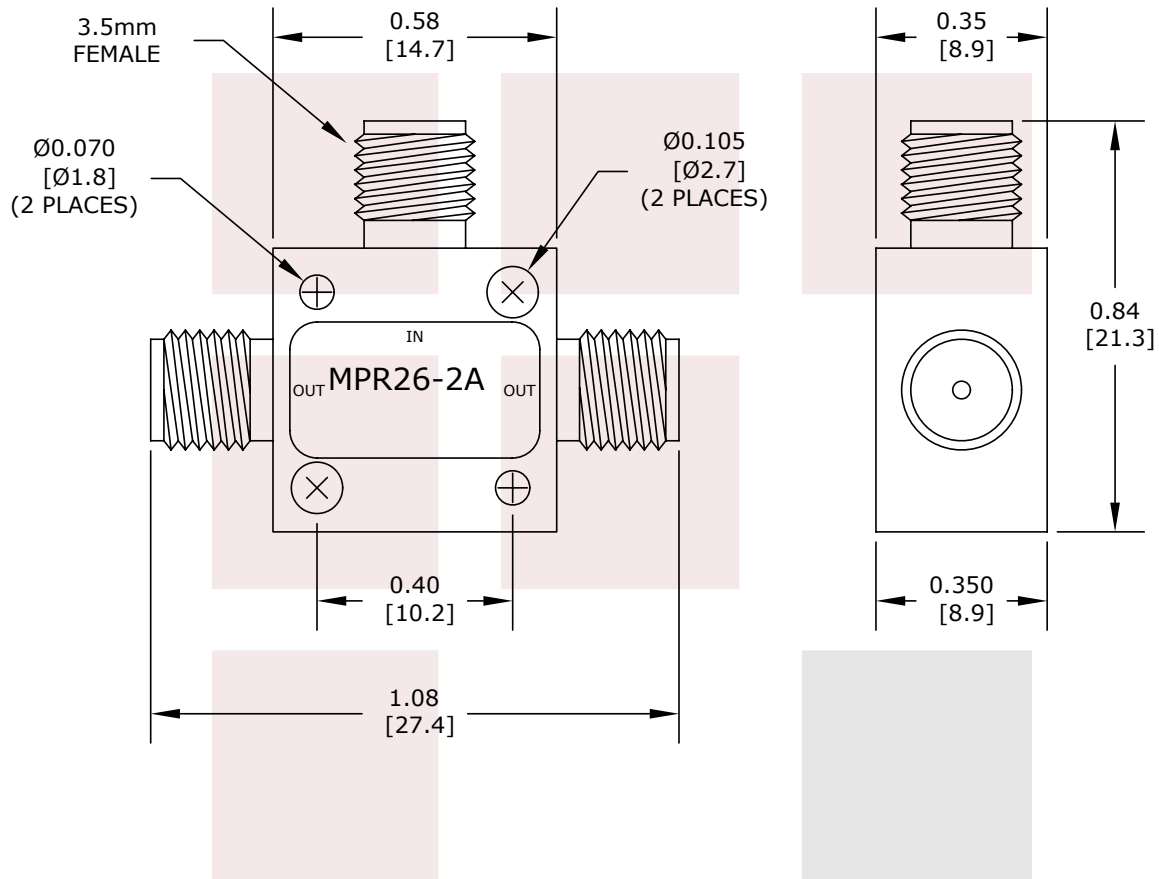
Notes:

2 Way Power Divider 3.5mm Connectors Resistive From DC to 26.5 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Way Power Divider 3.5mm Connectors Resistive From DC to 26.5 GHz Rated at 1 Watts MPR26-2A](#)

URL: <http://www.fairviewmicrowave.com/2-way-power-divider-3.5mm-resistive-26.5-ghz-1-watts-mpr26-2a-p.aspx>

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| STANDARD TOLERANCES | |
|---------------------|--------|
| .XX | ±0.01 |
| .XXX | ±0.003 |

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

| | | | | | |
|---|--------|---|-------|--------------------|-------------|
| FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM | | NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. | | | |
| TITLE 2 Way Power Divider 3.5mm Connectors Resistive From DC to 26.5 GHz Rated at 1 Watts | | DWG NO ASDF | | CAGE CODE 3FKR5 | |
| CAD FILE | 041316 | SHEET | SCALE | N/A | SIZE A 3045 |