

QD RP SMA Male to RP SMA Female Adapter

Electrical Specifications

| | |
|---------------------------------|--------------|
| Frequency Range | DC to 18 GHz |
| Maximum VSWR | 1.25:1 |
| Dielectric Withstanding Voltage | 1,500 Vrms |

Specifications by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-------------|----------|----|----|----|----|-------|
| Range | DC to 18 | | | | | GHz |

Mechanical Specifications

Size

| | |
|--------|-------------------|
| Length | 1.13 in [28.7 mm] |
| Width | 0.5 in [12.7 mm] |

Connector 1

| | |
|---------------------------------------|------------------------------|
| Type | QD SMA Male Reverse Polarity |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Inner Conductor Plating Specification | MIL-G-45204 |
| Coupling Nut Material and Plating | Passivated Stainless Steel |
| Coupling Nut Plating Specification | QQ-P-35 |
| Body Material and Plating | Beryllium Copper, Nickel |
| Body Plating Specification | QQ-N-290 |
| Dielectric Type | PTFE |

Connector 2

| | |
|---------------------------------------|-----------------------------|
| Type | SMA Female Reverse Polarity |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Inner Conductor Plating Specification | MIL-G-45204 |
| Body Material and Plating | Beryllium Copper, Nickel |
| Body Plating Specification | QQ-N-290 |
| Dielectric Type | PTFE |

Environmental Specifications

Temperature

| | |
|-----------------|-------------------|
| Operating Range | -65 to +165 deg C |
|-----------------|-------------------|

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

| | |
|-----------------|------------|
| RoHS Compliant | Yes |
| REACH Compliant | 06/06/2014 |

Plotted and Other Data

Notes:

- Values at 25 °C, sea level



Features:

- Connector 1: QD SMA Male Reverse Polarity
- Impedance 1: 50 Ohms
- Connector 2: SMA Female Reverse Polarity
- Impedance 2: 50 Ohms
- Adapter Design: Standard
- Body Style: Straight

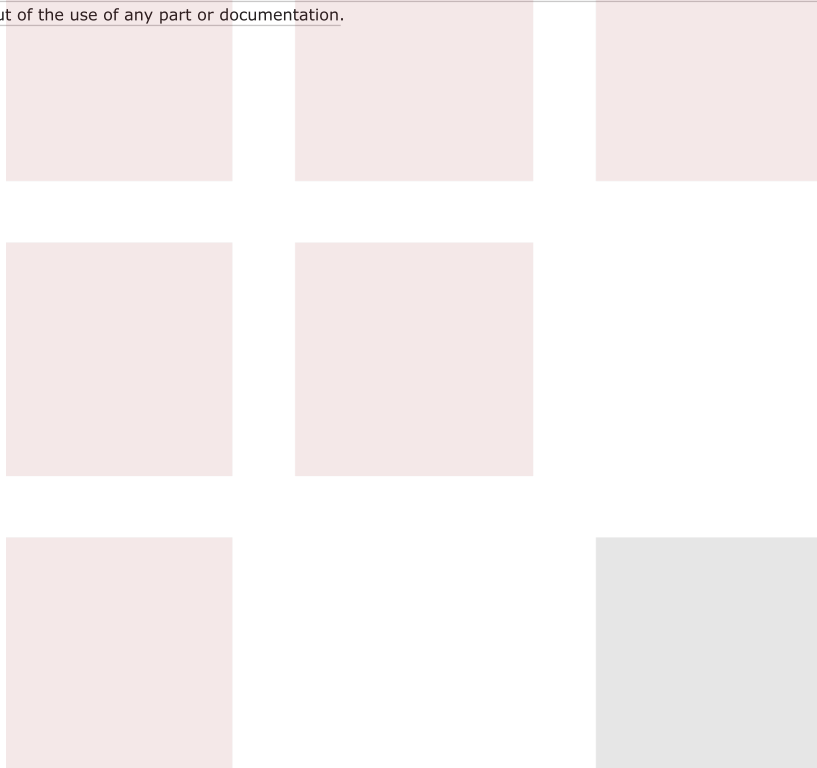
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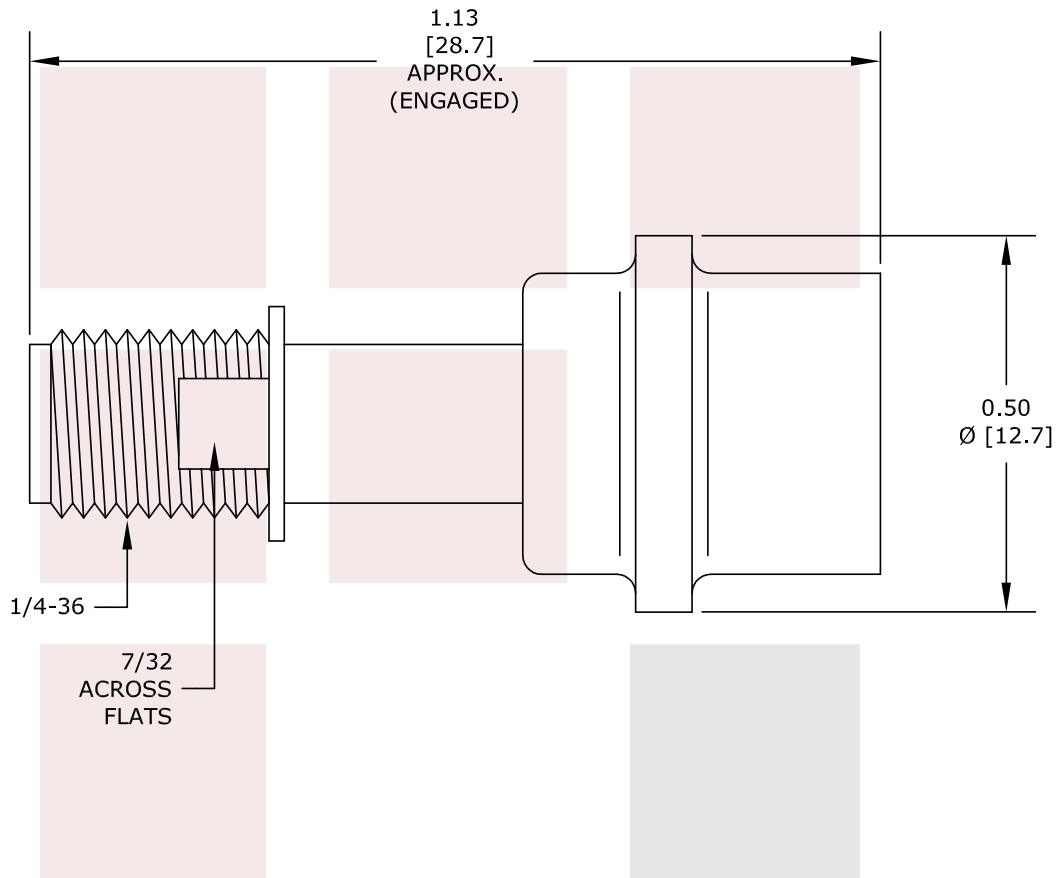
QD RP SMA Male to RP SMA Female Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [QD RP SMA Male to RP SMA Female Adapter SM4989](#)

URL: <http://www.fairviewmicrowave.com/qd-rp-sma-male-rp-sma-female-adapter-sm4989-p.aspx>

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|-----------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------|------------|
| 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 QD RP SMA Male to RP SMA Female Adapter | | DWG NO SM4989 | | CAGE CODE 3FKR5 | |
| CAD FILE | 112514 | SHEET | SCALE | N/A | SIZE A 150 |