

# Three Way Power Splitter

## 7-16 DIN Female, 380-2700 MHz

### RFPS-3A-DF

**Low PIM**

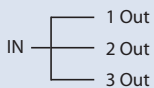
**Low VSWR**

**Other Configurations Available**

**50 Ohms Impedance**

**RoHS Compliant**

**IP67 Rated**



#### GENERAL SPECIFICATIONS

|                       |                           |
|-----------------------|---------------------------|
| Device Type .....     | Power Splitter            |
| Interface .....       | 7-16 DIN Female           |
| Color .....           | Black                     |
| Weight.....           | 3.8 lb                    |
| Dimensions.....       | 17.6" L x 3.2" W x 1.5" H |
| Bracket Included..... | No                        |

#### ELECTRICAL SPECIFICATIONS

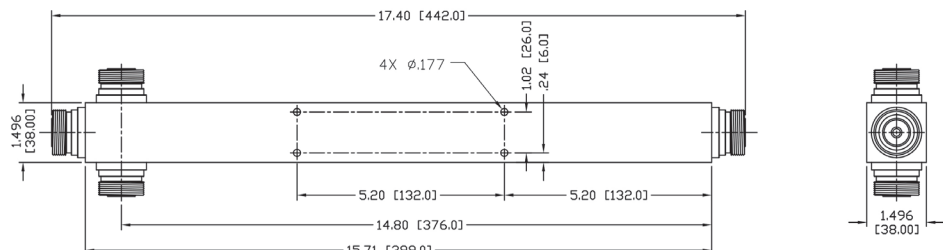
|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Operation Frequency Band.....         | 380-2700 MHz                         |
| 3rd Intermodulation .....             | ≤ -155 dBc min (relative to carrier) |
| 3rd Intermodulation Test Method ..... | Two +43 dBm carriers                 |
| Average Power .....                   | 500 Watt                             |
| Impedance.....                        | 50Ω                                  |
| Insertion Loss .....                  | <0.3dB@380-2700 MHz                  |
| Peak Power .....                      | 1.5 Kw                               |
| Split Loss .....                      | 4.8 dB                               |
| VSWR.....                             | ≤ 1.25                               |

#### MECHANICAL SPECIFICATIONS

|                            |                          |
|----------------------------|--------------------------|
| Inner Contact Plating..... | Silver                   |
| Outer Plating.....         | White Bronze (Tri-Metal) |

#### ENVIRONMENTAL SPECIFICATIONS

|   |                               |
|---|-------------------------------|
| Application .....                           | Indoor/Outdoor                |
| Operating Temperature.....                  | -30°C ~ +75°C; -22°F ~ +167°F |
| Relative Humidity .....                     | Up to 100%                    |
| Regulatory Compliance / Certifications..... | RoHS / IP67                   |



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