

# Three Way Power Splitter

## N Female, 698-2700MHz

RFPS-3C-NF

**Low PIM**

**Low VSWR**

**Other Configurations Available**

**50 Ohms Impedance**

**RoHS Compliant**

**IP67 Rated**



### GENERAL SPECIFICATIONS

|                       |                          |
|-----------------------|--------------------------|
| Device Type .....     | Power Splitter           |
| Interface .....       | N Female                 |
| Color .....           | Black                    |
| Weight.....           | 1 lb                     |
| Dimensions.....       | 9.4" L x 2.4" W x 1.6" H |
| Bracket Included..... | Yes                      |

### ELECTRICAL SPECIFICATIONS

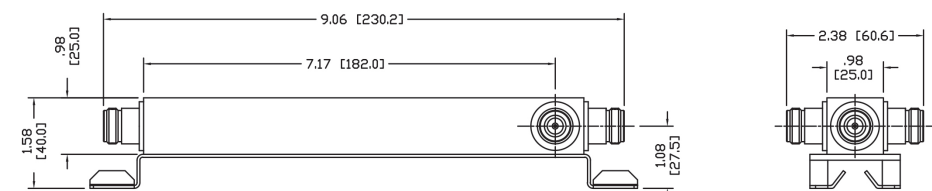
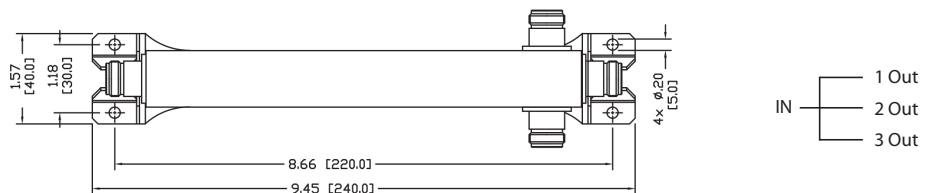
|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Operation Frequency Band.....        | 698-2700 MHz                         |
| 3rd Intermodulation .....            | ≤ -155 dBc min (relative to carrier) |
| 3rd Intermodulation Test Method..... | Two +43 dBm carriers                 |
| Average Power .....                  | 350 Watt                             |
| Impedance.....                       | 50Ω                                  |
| Insertion Loss .....                 | <0.15dB@698-2700 MHz                 |
| Peak Power .....                     | 1.5 Kw                               |
| Split Loss .....                     | 4.8dB                                |
| VSWR.....                            | ≤ 1.20                               |

### 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                   |



## RF Industries

(NASDAQ: RFIL)

7610 Miramar Road  
San Diego, CA 92126  
(800) 233-1728  
(858) 549-6340  
Fax: (858) 549-6345  
rfi@rfindustries.com  
www.rfindustries.com