

# Three Way Power Splitter

## 4.3-10 Female, 380-2700MHz

RFPS-3A-43F

**Low PIM**

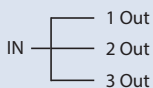
**Low VSWR**

**Other Configurations Available**

**50 Ohms Impedance**

**RoHS Compliant**

**IP67 Rated**



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#### GENERAL SPECIFICATIONS

Device Type ..... Power Splitter  
Interface..... 4.3-10 Female  
Color ..... Black  
Bracket Included ..... No

#### ELECTRICAL SPECIFICATIONS

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

#### MECHANICAL SPECIFICATIONS

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

#### ENVIRONMENTAL SPECIFICATIONS

Application ..... Indoor/Outdoor  
Operating Temperature .....  $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$ ;  $-22^{\circ}\text{F} \sim +167^{\circ}\text{F}$   
Relative Humidity ..... Up to 100%  
Regulatory Compliance / Certifications ..... RoHS / IP67

