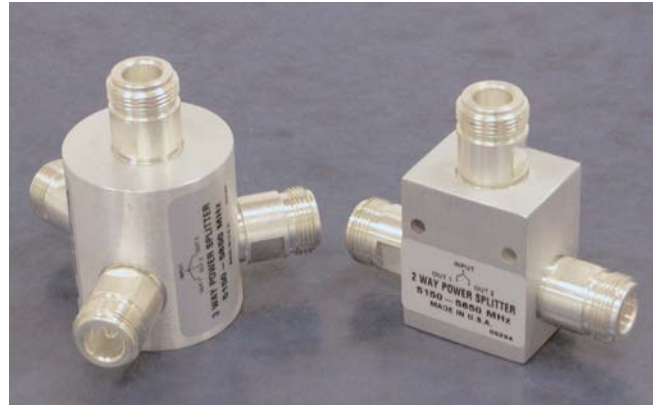


- ◆ Low, Mid and Upper U-NII and 5.8 GHz ISM (Wi-Fi) Bands
- ◆ 10 W Avg. Power, 100 W option
- ◆ Low Insertion Loss, High Isolation
- ◆ Opposed N Connectors for easy installation
- ◆ RoHS compliant
- ◆ Low Cost N Design



These 2 and 3 way Wilkinson style Power Dividers have been designed using an air dielectric for minimal loss. They have been designed for 5 - 6 GHz Unlicensed National Infrastructure band applications, which includes upper band WiMAX and the 5.8 GHz Wi-Fi/ISM band. (01/09)

| Model   | No. of Ways | Isolation dB min | Split Loss dB nom | Dissipative Loss, dB max | Amplitude Balance typ. | Phase Balance max | Input VSWR max | Output VSWR max | Forward Power* avg. | Weight nom. oz (g) |
|---------|-------------|------------------|-------------------|--------------------------|------------------------|-------------------|----------------|-----------------|---------------------|--------------------|
| D2-71FN | 2           | 19               | 3                 | 0.2                      | 0.3 dB                 | 2°                | 1.3:1          | 1.2:1           | 10W                 | 5.1 (143)          |
| D3-71FN | 3           | 19               | 4.8               | 0.3                      | 0.3 dB                 | 2°                | 1.3:1          | 1.2:1           | 10W                 | 7.5 (210)          |

\*Used as divider, with Load VSWR <1.2:1; Power to 100W to order

Frequency Range: 5,150 - 5,850 MHz  
 Impedance: 50Ω nominal  
 Temperature: -40° to +85°C  
 Applications: Indoor, 0 - 90%RH  
 Exterior seal to IP68 available  
 100 Watt option: To special order  
 Finish: Connectors: N(f), Triplate  
 Housing: Passivated aluminum

