

### \$ Saver Product

- ◆ 698 - 2,700 MHz Multi-Band Frequency Range
- ◆ 50 W Power Rating
- ◆ Low PIM Design
- ◆ Low RF Insertion Loss
- ◆ 20 dB Isolation
- ◆ RoHS compliant



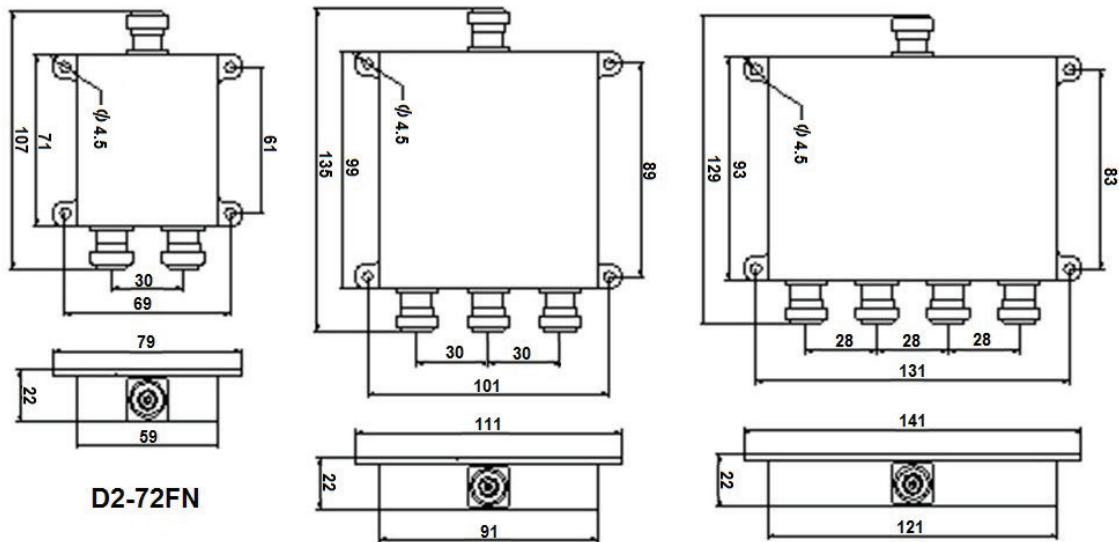
Microlab Model Dx-72FN series of Wilkinson style Power Dividers has been designed for low PIM applications where output isolation is preferable over lowest possible loss. The wide frequency range of this design allows use with multiband antennas and leaky cable systems.  
 (04/14)

Bandwidth: 698 - 2,700 MHz  
 Impedance: 50Ω nominal  
 PIM Rating: <-150 dBc (2 X +43dBm IM3 at 1850 MHz)  
 Environment: -30 to +75°C, Indoor  
 Housing: Passivated Aluminum  
 Connectors: N (f) triplate

| Model Number | No. of Ways | Split Loss | Output Isolation | Insertion Loss, max. | Amplitude Balance | VSWR All Ports | Power Rating* |
|--------------|-------------|------------|------------------|----------------------|-------------------|----------------|---------------|
| D2-72FN      | 2           | 3 dB       | >20 dB           | 0.4 dB               | <0.3 dB           | <1.20:1        | 50W avg.      |
| D3-72FN      | 3           | 4.8 dB     | >20 dB           | 0.6 dB               | <0.6 dB           | <1.25:1        | 50W avg.      |
| D4-72FN      | 4           | 6 dB       | >20 dB†          | 0.6 dB               | <0.3 dB           | <1.30:1        | 50W avg.      |

† >18 dB at 698-750 MHz

\*Used as divider into load with VSWR<1.2:1



Outline dimensions in mm

D3-72FN

D4-72FN