

- ◆ Ultra-wideband Wilkinson splitters for 5G FR1 signal distribution
- ◆ 50 W input power rating
- ◆ Low PIM design
- ◆ Low RF insertion loss
- ◆ High isolation
- ◆ N-type & 4.3-10 connector variants
- ◆ RoHS compliant

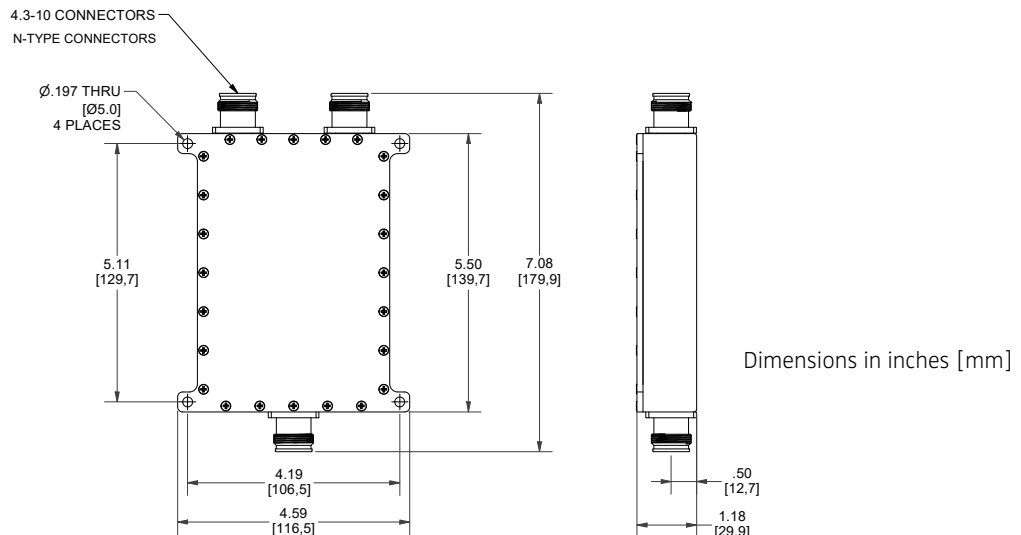


Microlab D2-76 Wilkinson power splitters have been designed for 5G-NR signal distribution where output isolation is preferable with minimal insertion loss. The ultra-wide frequency range of this design with stable performance across the band enables use with multiband antennas and leaky cable systems.

| | |
|----------------|--|
| Frequency: | 617 - 5925 MHz |
| Power: | 50 W avg., 1 kW peak |
| Reverse Power: | 0.2 W as a combiner |
| Impedance: | 50 Ω nom. |
| PIM: | -153 dBc (-110 dBm) min. (Tested with 2x 1900 MHz, +43 dBm tones @ ambient) |
| Environment: | -40 to +70°C, IP67 |
| Connector: | Triplate, 4-hole flange |
| Housing: | Painted Aluminum |
| Dimensions:: | 5.50 x 4.59 x 1.18 inches [139.7 x 116.5 x 29.9 mm] |

| Model No. | Split | Split Loss | Connector | Frequency MHz | Insertion Loss | Return Loss All Ports | Amplitude Balance | Isolation | Weight |
|-----------|-------|------------|-----------|---------------|----------------|-----------------------|-------------------|-----------|---------------------|
| D2-76FE | 2-way | 3 dB | 4.3-10(f) | 617-2700 | <0.8 dB | >20 dB | 0.3 dB | >18 dB | 1.96 lbs (889 g) |
| D2-76FN | | | N-type(f) | 2700-4200 | | >20 dB | | | |
| | | | | 4200-5925 | | >18 dB | | | |

D2-76FE & D2-76FN Outline



Note: Specifications are subject to change without prior notification.

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