

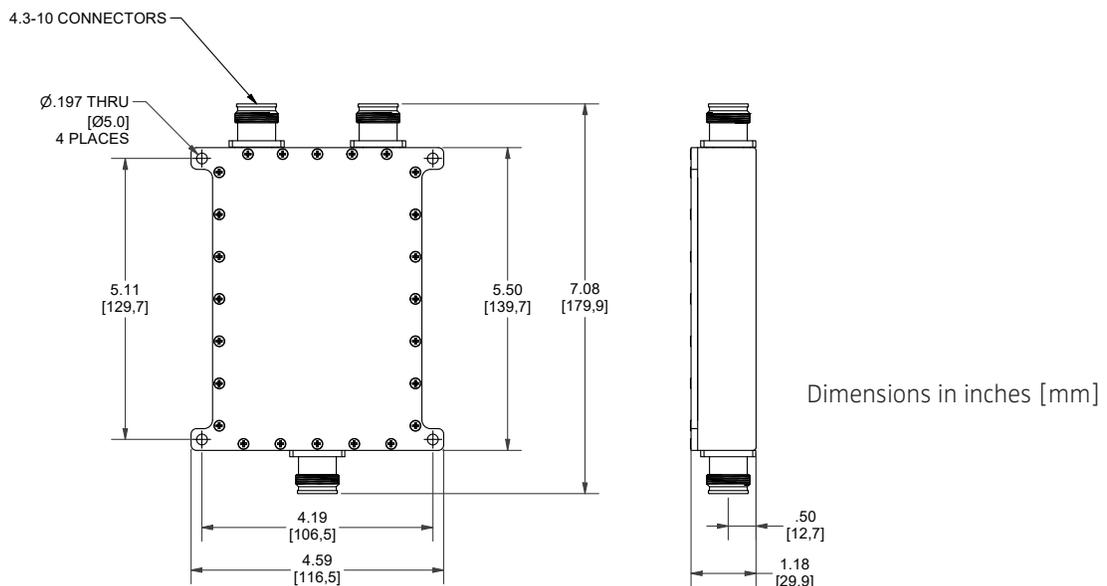
- ◆ Ultra-wideband In-line splitters for 5G FR1 signal distribution
- ◆ 50 W input power rating
- ◆ Low PIM design
- ◆ Low RF insertion loss
- ◆ N-type & 4.3-10 connector variants
- ◆ RoHS compliant



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| <p>Microlab Dx-76 in-line 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.</p> | <p>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</p> |
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| Model No. | Split | Split Loss | Connector | Frequency MHz | Insertion Loss | Input Return Loss | 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 (0.89kg) |
| D2-76FN | | | N-type(f) | 2700-4200 4200-5925 | | >20 dB >18 dB | | | |
| D3-76FE | 3-way | 4.8 dB | 4.3-10 (f) | 617-4200 | <0.8 dB | >17.7 dB | 1.5 dB | N/A | 2.65 lbs (1.2kg) |
| D3-76FN | | | N-type (f) | 4200-5925 | <1.1 dB | >16 dB | | | |
| D4-76FE | 4-way | 6 dB | 4.3-10 (f) | 617-800 | <0.4 dB | >15.0 dB | 1.0 dB | N/A | 3.65 lbs (1.65kg) |
| D4-76FN | | | | 800-4200 | <0.9 dB | >16.5 dB | | | |
| | | | | 4200-5925 | <1.3 dB | >16.5 dB | | | |

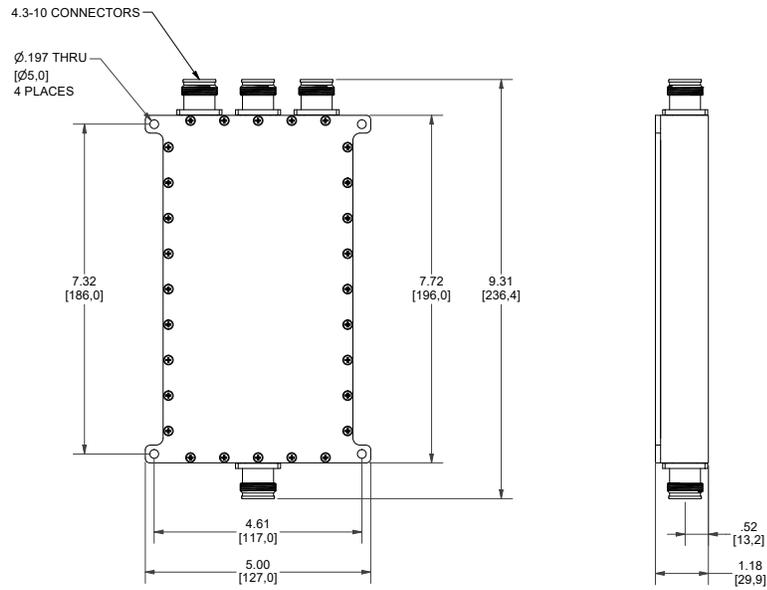
D2-76FE & D2-76FN Outline



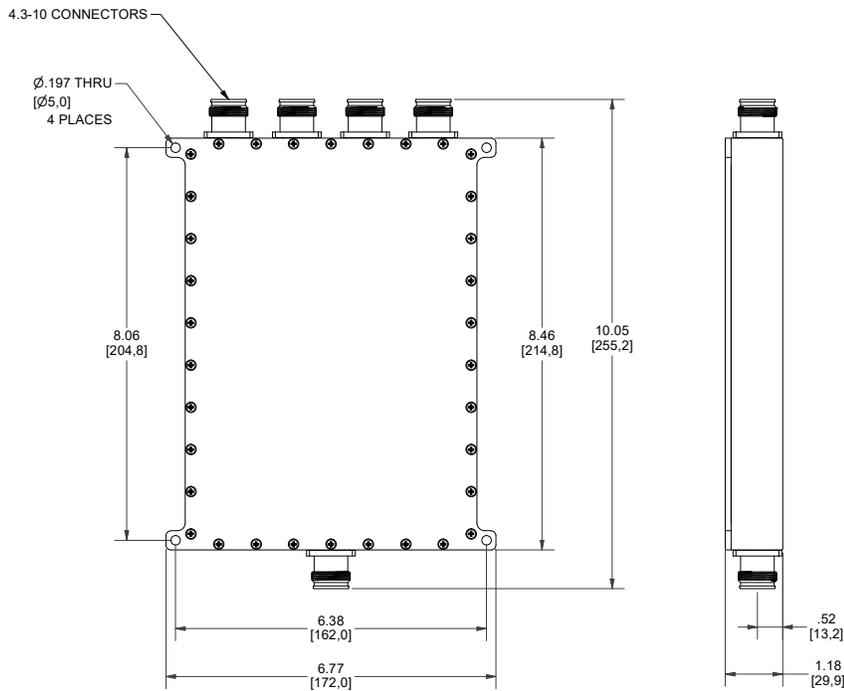
Note: Specifications are subject to change without prior notification.

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D3-76FE & D3-76FN Outline



D4-76FE & D4-76FN Outline



Dimensions in inches [mm]

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