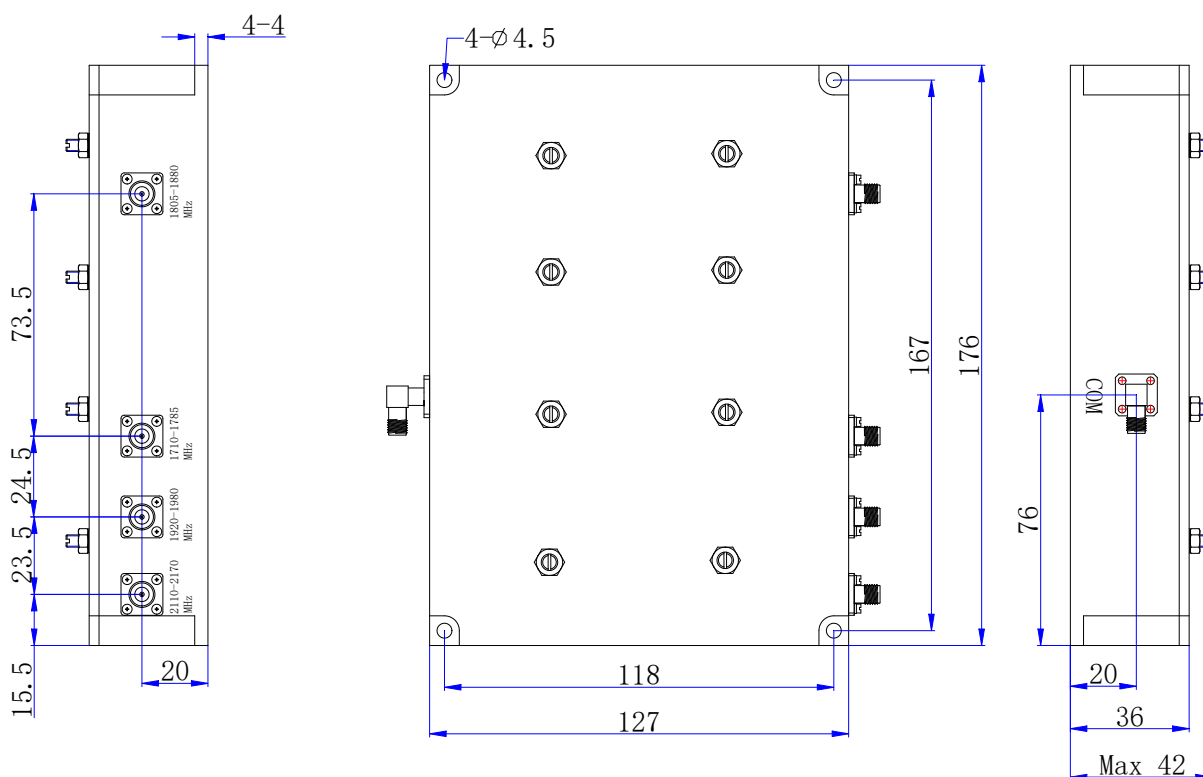


# FSMC4-1710-2170-S

## Quad-band Combiner Specifications

| Electrical Specifications     |                         |                                |              |              |              |
|-------------------------------|-------------------------|--------------------------------|--------------|--------------|--------------|
| 1                             | Frequency Range         | Band3(RX)                      | Band3(TX)    | Band1(RX)    | Band1(TX)    |
|                               |                         | 1710~1785MHz                   | 1805~1880MHz | 1920~1980MHz | 2110~2170MHz |
| 2                             | Insertion Loss          | ≤1.5dB                         | ≤1.5dB       | ≤1.3dB       | ≤1.3dB       |
| 3                             | VSWR                    | ≤1.5:1                         |              |              |              |
| 4                             | Isolation               | ≥80dB                          |              |              |              |
| 5                             | Power                   | Each Channel:50W               |              |              |              |
| 6                             | Impedance               | 50Ω                            |              |              |              |
| Environmental Characteristics |                         |                                |              |              |              |
| 1                             | Operating Temperature   | -10°C~+60°C                    |              |              |              |
| 2                             | Environmental Class     | Indoor                         |              |              |              |
| Mechanical Characteristics    |                         |                                |              |              |              |
| 1                             | Connectors              | SMA-Female                     |              |              |              |
| 2                             | Surface Finishing       | Black Paint                    |              |              |              |
| 3                             | Dimensions <sup>1</sup> | 176*127*36mm [6.93*5.0*1.42in] |              |              |              |

### Outline Drawing



Units: mm/[inch], Tolerance: ±0.5mm, Mounting Hole Tolerance: ±0.2mm

Note 1: Excluding Connectors

