

# 7831158x

## Quad Band Combiner 380-960 / 1427-1880 / 1920-2200 / 2300-2690

Quad Band Combiner  
380-960 / 1427-1880 /  
1920-2200 / 2300-2690

| Type                       | 78311580<br>Single Unit                         | 78311581<br>Double Unit |
|----------------------------|---|-------------------------|
| Frequency (MHz)            |   |                         |
| Band 1                     | 380-960   |                         |
| Band 2                     | 1427-1880                                       |                         |
| Band 3                     | 1920-2200                                       |                         |
| Band 4                     | 2300-2690                                       |                         |
| Insertion Loss (dB)        | ≤ 0.4   |                         |
| Isolation (dB)             | ≥ 50  |                         |
| PIM3 (dBc, @2x43dBm)       | ≤ -160  |                         |
| Return Loss (dB)           | ≥ 18  |                         |
| Input Impedance (ohm)      | 50  |                         |
| Max. Input Power (W)       | 200 per Port                                    |                         |
| ASIG/DC By-pass            | Bypass at All Ports                             |                         |
| Connectors                 | 4.3-10 Female                                   |                         |
| Dimension (mm)*            | 260 x 195 x 52                                  | 260 x 195 x 104         |
| Weight (kgs)               | 4.2   | 8.5                     |
| Ingress Protection Class   | IP67  |                         |
| Operational RH (%)         | ≤ 95  |                         |
| Operating Temperature (°C) | -30 to +80                                      |                         |
| Storage Temperature (°C)   | -50 to +85                                      |                         |
| Lightning protection       | 5kA; 8/20 μs pulse                              |                         |
| Barometric Pressure (kPa)  | 10kA@8/20μS                                     |                         |
| Mounting                   | Wall Mount or Pole Mount (Pole Size: Ø35-125mm) |                         |
| Color                      | Light grey                                      |                         |



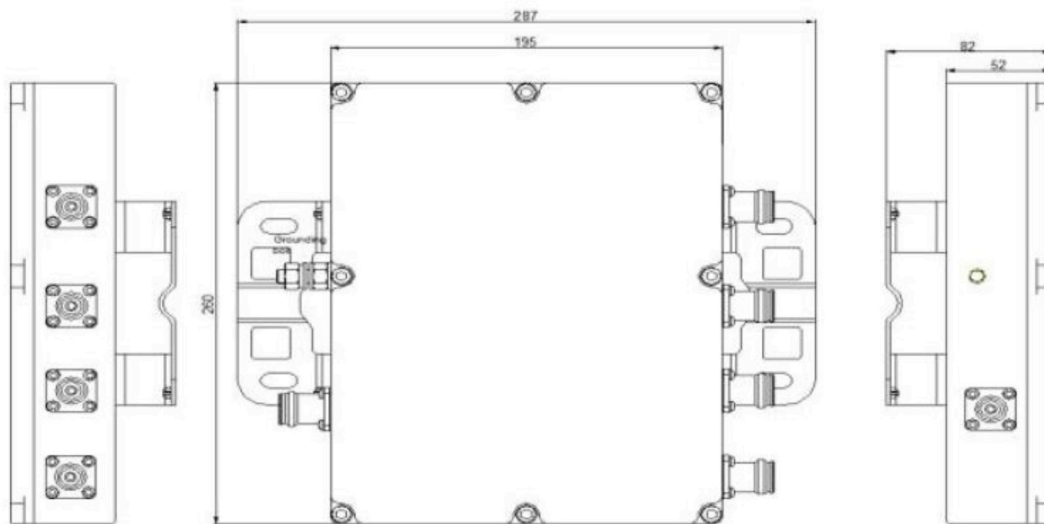
Single Unit



Double Unit

\*excluding connectors and clamp

## Dimensions



Outline drawing may change , for reference only!