



## Low PIM Wide Band Air Directional Coupler [600-6000 MHz]

### DESCRIPTION:

Typically used in In-building DAS systems to provide coverage solutions for 600 Band, 700PS, 700 LTE, 800PS, 850 CELL, PCS, AWS, WCS, 2.5 band, 5 & 6GHz.

- Low PIM
- Low Insertion Loss
- High Power

| Specifications                               |   |          |           |
|--|---|----------|-----------|
| Frequency Range (MHz)                        | 600-6000  |          |           |
| Connector                                    | 4.3/10 Female                                   |          |           |
| Coupling (dB)                                | 8   |          |           |
| Coupling Tolerance (dB)                      | ±1.2  |          |           |
| PIM, 3 <sup>rd</sup> order @ 2 X 43 dBm(dBc) | ≤-161 (698-2700)                                |          |           |
| Impedance                                    | 50Ω   |          |           |
| Insertion Loss (dB)                          | ≤2.0  |          |           |
| Isolation (dB)                               | 600-698   | 698-2700 | 2700-6000 |
|  | ≤30   | ≤26      | ≤22       |
| VSWR/Return Loss                             | ≤1.4 (600-698) ≤1.3 (698-2700) ≤1.5 (2700-6000) |          |           |
| Max Power Input (W)                          | 200   |          |           |
| Peak Power (kW)                              | 1.5   |          |           |
| Dimensions in. (mm)                          | 5.04 X 1.85 X 1.14 (128 X 47 X 29)              |          |           |
| Operating Temperature °F (°C)                | -22 to 150 (-30 to 65)                          |          |           |
| Weight (lbs)                                 | 1.15  |          |           |

