

## RF Directional Coupler

### DC Series



#### RF Directional Coupler (698-3800MHz, 200W, N-F, -140dBc)

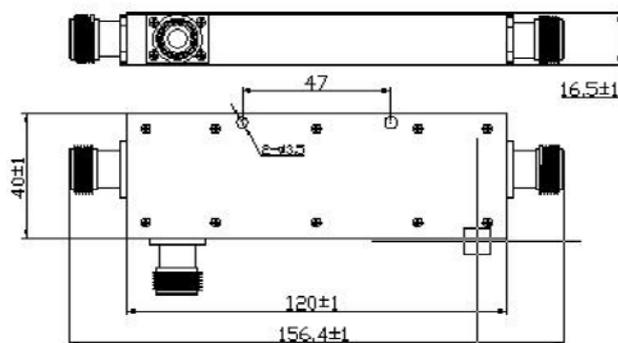
#### Features

- Wide Frequency Band 698-3800MHz
- GSM/3G/4G/5G Coverage
- Low Passive Intermodulation
- Low VSWR & Insertion Loss
- High Isolation, Indoor Applications
- Ideal for In-building DAS solutions
- Tri Alloy Type N Female (Jack) Low PIM Connectors

#### Specifications:

| Model                        | DC04-727                        | DC06-727 | DC07-727 | DC10-727 |
|------------------------------|---------------------------------|----------|----------|----------|
| Freq. Range MHz              | 698-3800                        |          |          |          |
| Coupling dB                  | 4.8                             | 6        | 7        | 10       |
| Insertion Loss dB            | ≤2.85                           | ≤1.95    | ≤1.45    | ≤0.8     |
| Isolation dB                 | ≥25                             | ≥26      | ≥27      | ≥28      |
| VSWR                         | ≤1.25                           |          |          |          |
| Impedance ohms               | 50                              |          |          |          |
| Intermodulation (PIM) dBc    | ≤-140dBc@2*43dBm                |          |          |          |
| Material                     | Aluminium (indoor applications) |          |          |          |
| Colour                       | Black                           |          |          |          |
| Weight Grams                 | 250                             |          |          |          |
| Average Power Watts          | 200                             |          |          |          |
| Connectors                   | N Female                        |          |          |          |
| Dimensions mm                | 34(h) x 85(w) x 150(d)          |          |          |          |
| Temperature Rating degrees C | -35 to +65                      |          |          |          |

#### Mechanical Diagram:



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