

# Directional Coupler

## 450-2700 MHz

### Product Features

- Wide Frequency Bands
- Analog/P25/2G/3G/4G/LTE Coverage
- Low VSWR & Insertion Loss
- High Isolation
- Indoor & Outdoor, IP65
- Widely used for In-building Solutions



### Specifications

Model Number	DC-450/2700-50-4.8	DC-450/2700-50-6	DC-450/2700-50-7	DC-450/2700-50-10	DC-450/2700-50-15	DC-450/2700-50-20
Frequency Range	450-2700 MHz					
Coupling	48 dB	6 dB	7 dB	10 dB	15 dB	20 dB
Accuracy	±1.0 dB	±1.0 dB	±1.0 dB	±1.4 dB	±1.5 dB	±1.8 dB
Insertion Loss	≅ 2.1 dB	≅ 1.75 dB	≅ 1.45 dB	≅ 0.80 dB	≅ 0.60 dB	≅ 0.40 dB
Isolation	≅ 20 dB	≅ 21 dB	≅ 22 dB	≅ 27 dB	≅ 30 dB	≅ 32 dB
VSWR	≤1.30					
PIM	153 dBc @ 2*43 dBm					
Power Average	300 W					
Impedance	50 ohm					
Connector	N-female					
Color	Black					
Temperature Range	-35 °C to +65 °C					
Application	IP65					

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