



MANIRON

Directional Coupler

Product Name

Directional Coupler (698-2700MHz, 200W, N-F, IP65, -150dBc)

Product Features

- ◆ Wide Frequency Band 698-2700MHz
- ◆ 2G/3G/4G/LTE Coverage
- ◆ Low Passive Inter-modulation
- ◆ Low VSWR & Insertion Loss
- ◆ High Isolation, Indoor/Outdoor IP65
- ◆ Widely used for In-building Solutions



Technical & Mechanical Specifications

Model No.	MC-727-05-NF-150 MC-727-06-NF-150	MC-727-07-NF-150 MC-727-08-NF-150	MC-727-10-NF-150 MC-727-12-NF-150	MC-727-13-NF-150 MC-727-15-NF-150	MC-727-20-NF-150 MC-727-25-NF-150	MC-727-30-NF-150
Freq(MHz)	698-2700					
Coupling(dB)	5/6	7/8	10/12	13/15	20/25	30
IL(dB)	≤2.1/≤1.7	≤1.45/≤1.3	≤0.8/≤0.8	≤0.8/≤0.5	≤0.4/≤0.3	≤0.3
Accuracy(dB)	±0.8/±0.8	±0.8/±0.8	±1.0/±1.0	±1.0/±1.0	±1.2/±1.2	±1.3
Directivity(dB)	≥20/≥20	≥20/≥20	≥20/≥20	≥20/≥20	≥20/≥20	≥20
VSWR	≤1.25					
PIM(dBc)	≤-150dBc@2*43dBm					
Max power per input (W)	≥200					
Impedance	50 ohm					
Connector	N-Female					
Inner/outer Contact Plating	Silver					
Color	Black					
Temp(deg)	-35~+65					
Application	Indoor & Outdoor IP65					
Humidity	0%-95%					
Dimensions	163mm*64.5mm*22mm (Connectors Included)					
Net Weight	0.25					

Mechanical Drawing

