

# 700-3800MHz Directional Coupler

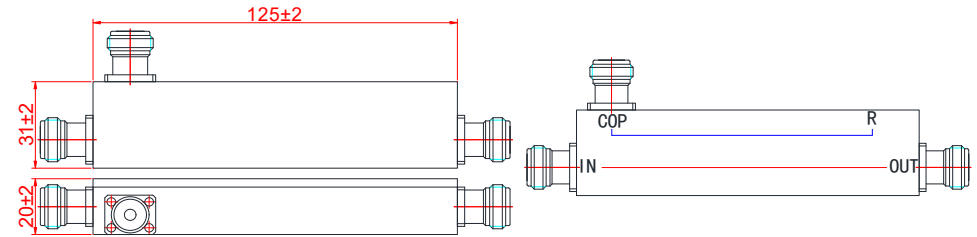
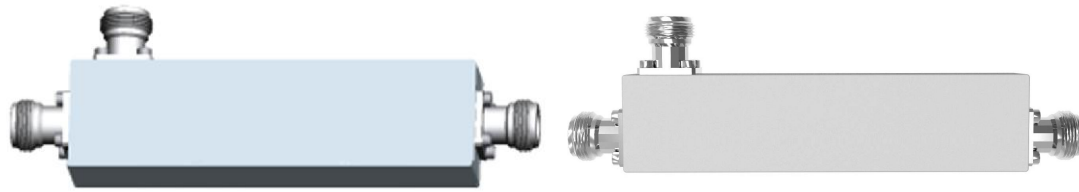
P/N: VN-DC-0738-INX



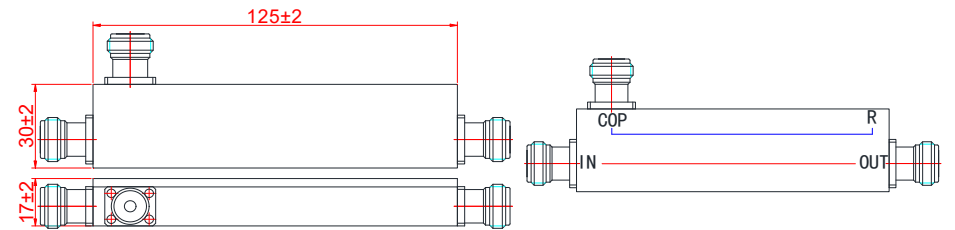
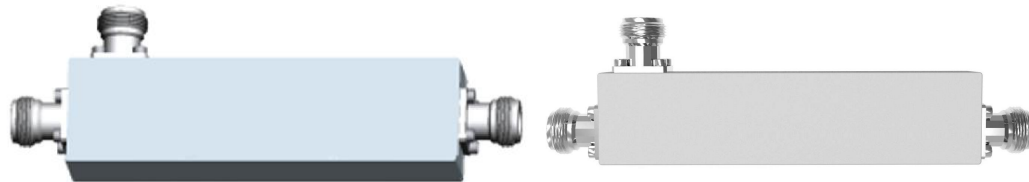
Operating Frequency( MHz )	700-3800					
Impedance( Ohm )	50					
VSWR	≤1.25					
IM3 (dBc @ 2×43dBm)	-155					
Application	Indoor					
Handling Power(Watt, max)	300					
Peak Power(Watt, max)	1200					
Interface	N Female					
Operating Temperature( °C )	-40 ~ + 80					
Connector Material	Brass(Silver plating for Inner Contact and Tri-metal plating for Outer Contact)					
Body Material	Aluminum					
INX in P/N	IN5	IN6	IN7	IN10	IN15	IN20
Coupling(dB)	5	6	7	10	15	20
Coupling Tolerance(dB)	±0.8	±0.8	±0.9	±1.0	±1.0	±1.2
Insertion Loss(dB)	2.0	1.6	1.4	1.0	0.5	0.22
Isolation(dB)	≥23	≥24	≥25	≥28	≥33	≥38
Dimensions (mm/inch,L×W×H,excluding)	125×31×20/4.92x1.22x0.79			125×30×17/4.92x1.18x0.67		
Net Weight(g)	170±20	170±20	170±20	170±20	190±20	190±20
Packing Weight(kg /- pcs)	10.81/50	10.81/50	10.81/50	10.81/50	11.81/50	11.81/50
Packing Dimensions(mm/inch)(L×W×H)	180×75×30/7.09x2.95x1.18					
Packing Carton Size(mm/inch)(L×W×H)	430×380×170/16.93x14.96x6.69					

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P/N: VN-DC-0738-1NX



5dB~10dB



15dB~20dB

- IN→OUT : DC PASS
- IN→COP : NON-DC PASS
- OUT→COP : NON-DC PASS

3D Drawing

Outline Drawing