

Product Specification

Hybrid Coupler Series

- Broadband - Covers 600 MHz to 6000 MHz
- Low Insertion Loss
- Low PIM Device, -160 dBc
- 2x2, 3x3 and 4x4 Hybrids
- IBWave Supported

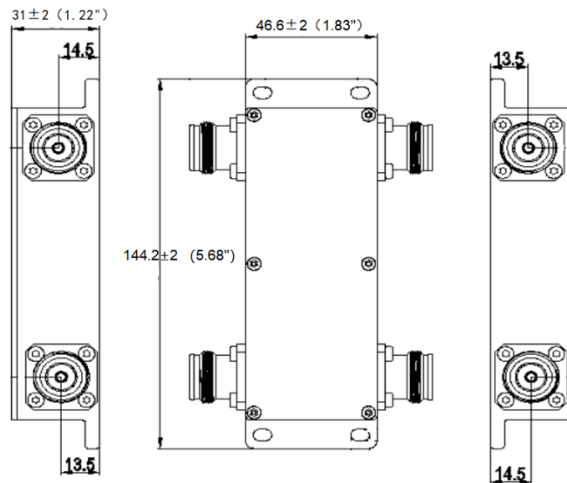


Model Number	HC2X2	HC3X3	HC4X4
Electrical			
Frequency Range (MHz)	600-6000	600-6000	600-5925
Insertion Loss (dB)	3.2±1.2	5.0±1.5	6.2±1.8
Port Isolation (dB)	≥22	≥20	≥20
Return Loss (dB)	≥18	≥18	≥18
3rd PIM (dBc)	≤-160@2×43dBm	≤-160@2×43dBm	≤-160@2×43dBm
Average Power (W)	≤300	≤300	≤300
Impedance (Ω)	50	50	50
Connector Type	4.3-10 Female	4.3-10 Female	4.3-10 Female
Mechanical			
Dimension (mm)	144.2×46.6×31 (5.68×1.83×1.22 in)	303×102×37 (11.93×4.02×1.46 in)	302×91.8×34.2 (11.89×3.62×1.35 in)
Weight (kg)	0.89	2.5	≤2.5
Ingress Protection	IP66 (Outdoor)	IP66 (Outdoor)	IP66 (Outdoor)
Finish	Grey	Grey	Grey
Environmental			
Operating Temp. (°C)	-20 ~ +65	-20 ~ +65	-20 ~ +65
Storage Temp. (°C)	-40 ~ +75	-40 ~ +75	-40 ~ +75
Humidity	≤95%	≤95%	≤95%

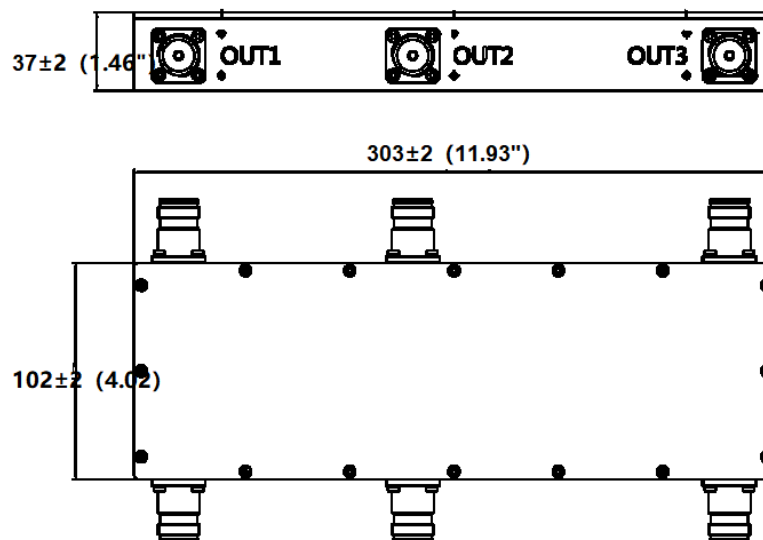
Connector Options Available

- 4.3-10.0 Female (Add -43F to Model Number)
- 7-16 DIN Female (Add -DF to Model Number)

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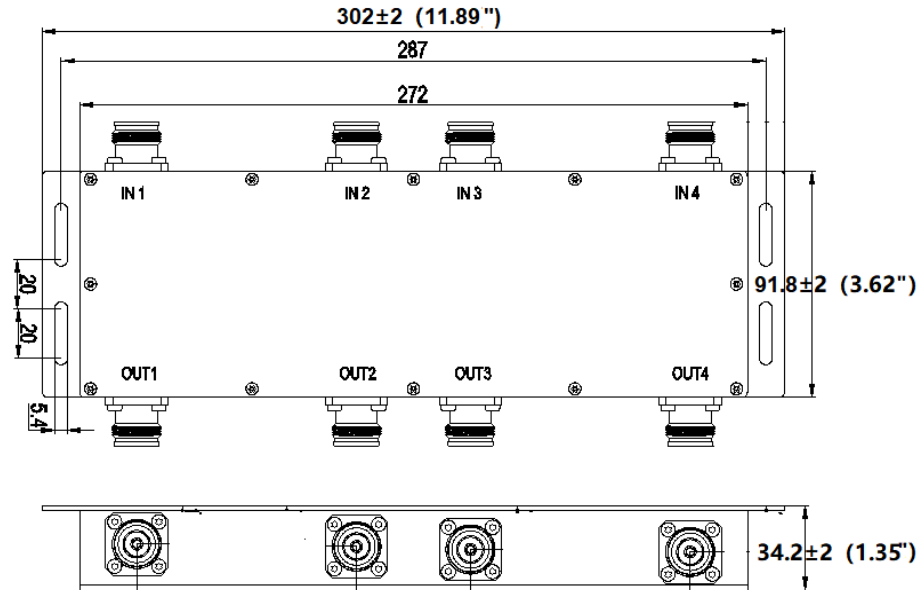


Hybrid Coupler, 2x2 – Model Number HC2X2



Hybrid Coupler, 3x3 – Model Number HC3X3

Product Specification



Hybrid Coupler, 4x4 – Model Number HC4X4