

Hybrid Coupler 2x2

HC-E2N

Hybrid Coupler 2x2, 138-960MHz, N-type

- Wideband design covering 138-960MHz
 - Public Safety Band (VHF & UHF & 700/800)
- Connects 2 inputs to 2 outputs
- Suitable for indoor/outdoor environment
- High Reliability and Low Insertion Loss



Electrical Specification

Product Model	HC-E2N
Frequency (MHz)	138-960
Coupling Value (dB)	3.2 ± 1.0
Insertion Loss (dB)	≤ 1.0
VSWR	≤ 1.25
Isolation (dB)	≥ 20
Total Average Power, max (W)	200
Peak Power, max (W)	1000
Impedance (ohm)	50

Mechanical Specification

Dimension (in/mm)	8.54x2.77x0.87 / 217.0x70.3x22.0
Weight (lb/kg)	2.29 / 1.04
Shipping Dimension (in/mm)	10.24x5.71x2.36 / 260.0x145.0x60.0
Shipping Weight (lb/kg)	2.51 / 1.14
Connector	N-type Female

Environment & Compliance

Application	Outdoor / Indoor
Operating Temperature	-40°C to +85°C
Environment	IP65
Relative Humidity	5-95%
RoHS	Compliant

Outline Drawing

