

Ultra-wideband 2x2 Hybrid Coupler 600-6000 MHz, 200W, -161dBc PIM



- ❖ 3dB hybrid coupler covering 600-6000MHz
- ❖ Supports sub-6GHz 3GPP bands including Public Safety bands in 700/800/900
- ❖ Highly reliable design with low insertion loss, low VSWR and high isolations
- ❖ 200W Power Rating and ultra-low PIM (-161dBc)
- ❖ Compact form-factor
- ❖ Suitable for indoor and outdoor applications (IP65)

For more information or to purchase, contact Ventev:
800.851.4965 or sales@ventev.com.

Connector	Ventev Part Number
N-type Female	VEN-22HC-660-NF
4.3-10 Female	VEN-22HC-660-4F

Electrical Specifications	
Frequency	600 – 6000MHz
Coupling (dB)	3.1 ± 0.8
Insertion Loss (dB)	≤ 0.2
Isolation (dB)	≥ 20
VSWR	≤ 1.25
3rd Order PIM (dBc)	≤ -161dBc @ 2x 43dBm Carrier
Power Rating (W)	200W
Impedance (Ω)	50 Ω
Connectors	N-type Female or 4.3-10 Female

Mechanical Specifications	
Dimensions (w/o connectors)	w/o Mounting Tab: 5.7 x 1.8 x 1.6in (146x45x42mm) w/ Mounting Tab: 6.7 x 1.8 x 1.6in (170x45x42mm)
Product Weight	1.54Lbs (N-type), 1.65 (4.3-10)
Body and Color	Aluminum, Black
Mounting	Using Mounting Tabs

Environmental Specifications	
Operating Temperature	-40 °C to +85 °C
Operating Humidity	Up to 95%
Ingress Protection	IP65
Application	Indoor and Outdoor

Outline Drawing

