

Highlights

- Integrated cavity design, guaranteeing superior performance and reliability.
- Full band up to 3.8GHz, covering 5G systems.
- Lower PIM, -160dBc @ 20w, tested on each port and each frequency band.
- Customized products are available.
- IP67 protection ensures stable performance in any environment.



Models	Descriptions
V6H338-M6P	3x3 Hybrid Combiners, 340-3800MHz, -160dBc, 4.3-10 Type, IP67
V6H338-N6P	3x3 Hybrid Combiners, 340-3800MHz, -160dBc, N Type, IP67
V6H727-M6P	3x3 Hybrid Combiners, 698-2700MHz, -160dBc, 4.3-10 Type, IP67
V6H727-N6P	3x3 Hybrid Combiners, 698-2700MHz, -160dBc, N Type, IP67
V6H742-M6P	3x3 Hybrid Combiners, 698-4200MHz, -160dBc, 4.3-10 Type, IP67
V6H742-N6P	3x3 Hybrid Combiners, 698-4200MHz, -160dBc, N Type, IP67

ELECTRICAL SPECIFICATIONS

Frequency	340-3800MHz	698-2700MHz	698-4200MHz
Intermodulation	-160dBc (IMD3 with 2x20W)		
Insertion Loss	≤5.0dB±1.2dB		
Isolation	≥20dB	≥23dB	≥20dB
VSWR	≤1.25		
Impedance	50Ω		
Power Handling per Port	300w		
MTBF	≥500,000h		

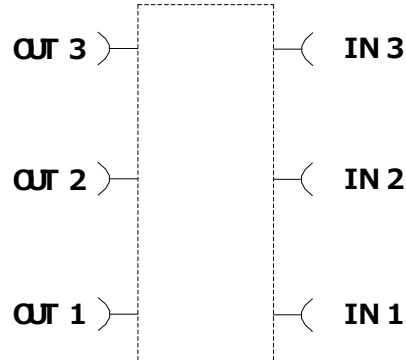
ENVIRONMENT SPECIFICATIONS

Operating Temperature	-30°C to +75°C -22°F to +167°F
Storage Temperature	-40°C to +85°C -40°F to +185°F
Relative Humidity	Up to 95%
Application	Indoor or Outdoor (IP67)

MECHANICAL SPECIFICATIONS

Color	Black or Gray
Connectors	4.3-10 Female or N Female or DIN Female
Weight	1.8Kg 3.97lb
Dimensions	183.4*45.2*31mm 7.22*1.78*1.22in

Block Diagram



Outline Drawing

