

Highlights

- Integrated cavity design: minimizes solder joints and optimizes PIM performance, guaranteeing superior performance and reliability.
- Lower PIM, lower insertion loss, higher isolation, and higher power handling capacity.
- IP65 protection enables stable working in any environment.
- Compact design, easy installation.
- Lifetime warranty.



ELECTRICAL SPECIFICATIONS

Models	V4H727M-N5 (Indoor)	V4H727M-N5P(Outdoor IP65)
Frequency	698–2700MHz	
Intermodulation	≤-150dBc (IMD3 with 2×20W)	
Insertion Loss	≤3.6dB	
Isolation	≥20dB	
VSWR	≤1.3	
Impedance	50Ω	
Power Handling	300w Average	

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	Outdoor (IP65)

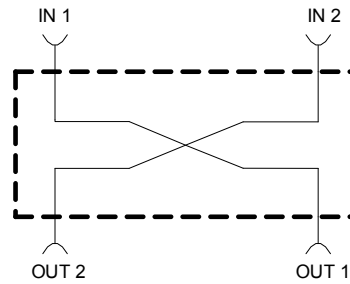
MECHANICAL SPECIFICATIONS

Color	Black
Connectors	N-Female
Weight	0.41Kg 0.9lb
Dimensions	142*75*21.5mm 5.6*2.95*0.85in

ORDER INFORMATION

Model	Indoor or Outdoor	PIM@700MHz	PIM@800MHz, 900MHz,1800MHz,2100MHz, 2600MHz
V4H727M-N5	Indoor	NA	-150dBc
V4H727M-N5P	Outdoor IP65	NA	-150dBc
V4H727M-N5-A	Indoor	-150dBc	Typical:-150dBc (Practically Measured:-155dBc---165dBc)
V4H727M-N5P-A	Outdoor IP65	-150dBc	Typical:-150dBc (Practically Measured:-155dBc---165dBc)

Block Diagram



Outline Drawing

