

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.



MODELS

Indoor	Outdoor	Coupling Values		Insertion Loss	Isolation
V5C727M-D5	V5C727M-D5P	5dB	±0.8dB	≤2.4dB	≥20dB
V6C727M-D5	V6C727M-D5P	6dB		≤2.0dB	≥21dB
V7C727M-D5	V7C727M-D5P	7dB	±0.9dB	≤1.6dB	≥22dB
V10C727M-D5	V10C727M-D5P	10dB	±1.0dB	≤1.0dB	≥25dB
V13C727M-D5	V13C727M-D5P	13dB	±1.5dB	≤0.7dB	≥28dB
V15C727M-D5	V15C727M-D5P	15dB		≤0.6dB	≥30dB
V20C727M-D5	V20C727M-D5P	20dB		≤0.4dB	≥35dB
V30C727M-D5	V30C727M-D5P	30dB	±2.0dB	≤0.3dB	≥45dB
V40C727M-D5	V40C727M-D5P	40dB	±2.0dB		≥55dB

ELECTRICAL SPECIFICATIONS

Frequency	698–2700MHz
Intermodulation	≤-150dBc (IMD3 with 2×20W)
VSWR	≤1.3
Impedance	50Ω
Power Handling	200w Average

ENVIRONMENT SPECIFICATIONS

Operating Temperature	-25°C to +75°C -13°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 (IP65)

MECHANICAL SPECIFICATIONS

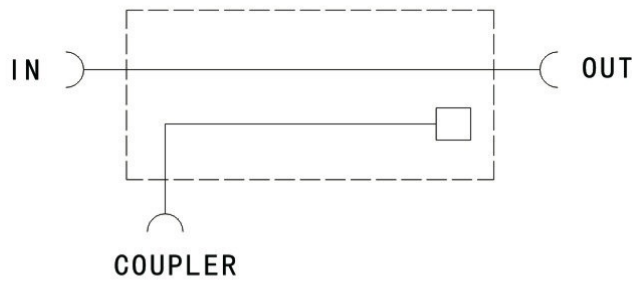
Color	Black
Connectors	DIN-Female
Weight	0.7Kg 1.54lb
Dimensions	168*67*36.5mm 6.61*2.64*1.44in

ORDER INFORMATION

Model	Indoor or Outdoor	PIM@700MHz	PIM@800MHz, 900MHz,1800MHz,2100MHz, 2600MHz
V*C727M-D5	Indoor	NA	-150dBc
V*C727M-D5P	Outdoor IP65	NA	-150dBc
V*C727M-D5-A	Indoor	-150dBc	Typical:-150dBc (Practically Measured: -155dBc— -165dBc)
V*C727M-D5P-A	Outdoor IP65	-150dBc	Typical:-150dBc (Practically Measured: -155dBc— -165dBc)

*=5, 6, 7, 10, 13,15, 20, 30,40 (Coupling Values)

Block Diagram



Outline Drawing

