

Highlights

- Integrated structure design: Filter is milled from one solid piece and has no soldered parts, guaranteeing superior electrical performance.
- Lower PIM, lower insertion loss, higher isolation, and higher power handling capacity.
- Differentiated DC block and DC bypass allow full compatibility with requiring TMAs.
- IP65 protection ensures stable performance in any environment.
- Compact design, easy installation.
- Lifetime warranty.



ELECTRICAL SPECIFICATIONS

| Models | VC8H727M-D5 (Indoor) | VC8H727M-D5P(Outdoor IP65) |
|-----------------|----------------------------|----------------------------|
| Frequency | 698–2700MHz | |
| Intermodulation | ≤-150dBc (IMD3 with 2×20W) | |
| Insertion Loss | ≤7.2dB | |
| Isolation | ≥20dB | |
| VSWR | ≤1.3 | |
| Impedance | 50Ω | |
| Power Handling | 100w/Input | |

ENVIRONMENT SPECIFICATIONS

| | | |
|-----------------------|----------------------------------|----------------|
| Operating Temperature | -20°C to +60°C -4°F to +140°F | |
| Storage Temperature | -40°C to +85°C -40°F to +185°F | |
| Relative Humidity | Up to 95% | |
| Application | Indoor | Outdoor (IP65) |

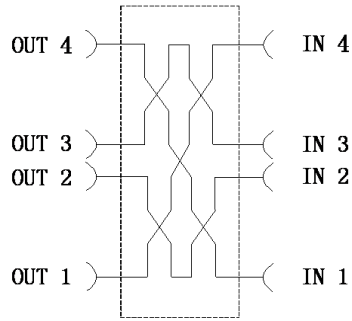
MECHANICAL SPECIFICATIONS

| | |
|------------|---------------------------------|
| Color | Black |
| Connectors | DIN-Female |
| Weight | 2.5Kg 5.51lb |
| Dimensions | 291*85*43mm 11.46*3.35*1.69in |

ORDER INFORMATION

| Model | Indoor or Outdoor | PIM@700MHz | PIM@800MHz, 900MHz,1800MHz,2100MHz, 2600MHz |
|----------------|-------------------|------------|---|
| VC8H727M-D5 | Indoor | NA | -150dBc |
| VC8H727M-D5P | Outdoor IP65 | NA | -150dBc |
| VC8H727M-D5-A | Indoor | -150dBc | Typical:-150dBc (Practically Measured:-155dBc---165dBc) |
| VC8H727M-D5P-A | Outdoor IP65 | -150dBc | Typical:-150dBc (Practically Measured:-155dBc---165dBc) |

Block Diagram



Outline Drawing

