

### 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.
- IP66 protection enables stable working in any environment.
- Compact design, easy installation.
- Lifetime warranty.



### ELECTRICAL SPECIFICATIONS

Models	V2S727-D5 (Indoor) V2S727-D5P (Outdoor IP66)	V3S727-D5 (Indoor) V3S727-D5P (Outdoor IP66)	V4S727-D5 (Indoor) V4S727-D5P (Outdoor IP66)
Type	2-way	3-way	4-way
Frequency	698–2700MHz		
Intermodulation	≤-150dBc (IMD3 with 2×20W)		
Insertion Loss	≤3.3dB	≤5.2dB	≤6.4dB
Inband Ripple	≤0.3dB	≤0.4dB	≤0.5dB
VSWR	≤1.25		≤1.3
Impedance	50Ω		
Power Handling	500w Average		

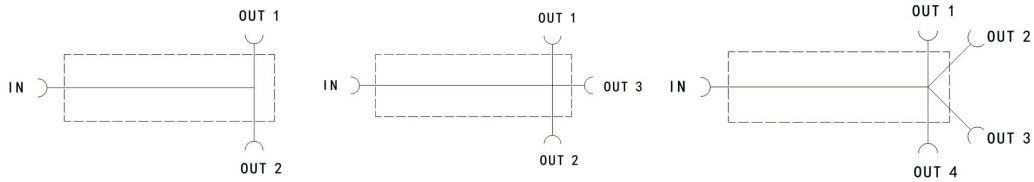
### ENVIRONMENT SPECIFICATIONS

Operating Temperature	-30°C to +60°C   -22°F to +140°F
Storage Temperature	-40°C to +85°C   -40°F to +185°F
Relative Humidity	Up to 95%
Application	Indoor or Outdoor (IP66)

### MECHANICAL SPECIFICATIONS

Color	Black or Gray		
Connectors	DIN-Female (Long Neck)		
Weight	0.19Kg   0.42lb	0.23Kg   0.5lb	0.26Kg   0.57lb
Dimensions	214.6*60.6*25mm 8.44*2.38*0.98in	272.1*60.6*25mm 10.7*2.38*0.98in	271.6*60.6*42.8mm 10.7*2.38*1.68in

## Block Diagram



## Outline Drawing

