Power Splitter
698-2700MHz, DIN Type

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 handing capacity.
- IP65 protection enables stable working in any environment.
- Compact design, easy installation.
- Lifetime warranty.

Cuboid

Cylinder

ELECTRICAL SPECIFICATIONS

Models	V2S727M-D5 (Indoor) V2S727M-D5P (Outdoor)	V3S727M-D5 (Indoor) V3S727M-D5P (Outdoor)	V4S727M-D5 (Indoor) V4S727M-D5P (Outdoor)
Type	2-way	3-way	4-way
Frequency	698-2700MHz		
Intermodulation	≤-150dBc (IMD3 with 2×20W)		
Insertion Loss	≤3.3dB	≤5.3dB	≤6.6dB
VSWR	≤1.3		
Impedance	50Ω		
Power Handing	300w Average		

ENVIRONMENT SPECIFICATIONS

Operating Temperature	-30℃ to +75℃ | -22℉ to +167℉
Storage Temperature	-40℃ to +85℃ | -40℉ to +185℉
Relative Humidity	Up to 95%
Application	Indoor or Outdoor (IP65)

MECHANICAL SPECIFICATIONS

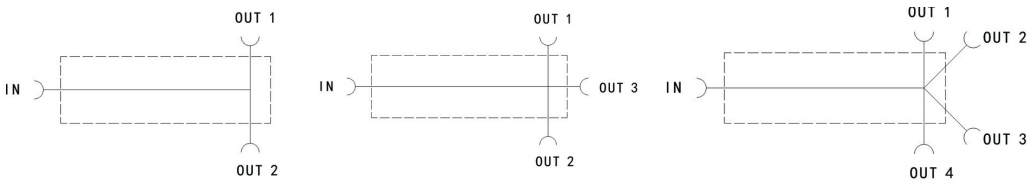
Color	Black		
Connectors	DIN-Female		
Weight	0.32Kg | 0.7lb	0.36Kg | 0.79lb	0.4Kg | 0.88lb
Dimensions	256.5*71.7*19mm 10.1*2.82*0.75in	279.9*71.7*19mm 11.01*2.82*0.75in	279.9*71.7*19mm 11.01*2.82*0.75in

ORDER INFORMATION

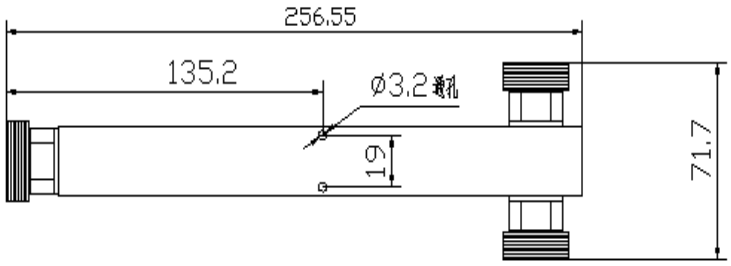
Model	Indoor or Outdoor	PIM@700MHz	PIM@800MHz, 900MHz,1800MHz,2100MHz, 2600MHz
V*S727M-D5	Indoor	NA	-150dBc
V*S727M-D5P	Outdoor IP65	NA	-150dBc
V*S727M-D5-A	Indoor	-150dBc	Typical:-150dBc (Practically Measured:-155dBc—-165dBc)
V*S727M-D5P-A	Outdoor IP65	-150dBc	Typical:-150dBc (Practically Measured:-155dBc—-165dBc)

*=2 (2-way), *=3 (3-way), *=4 (4-way)

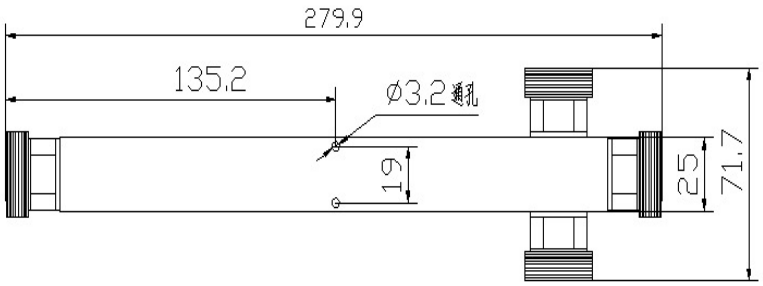
Block Diagram



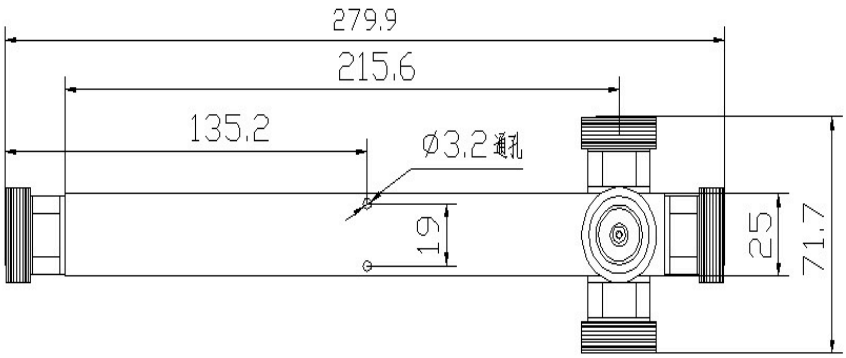
Outline Drawing



2-way Splitters



3-way Splitters



4-way Splitters