

### Highlights

- Designed for in- building Public Safety and Cellular DAS applications.
- Ultra Wide Band antenna supporting indoor coverage requirements up to 2.7GHz.
- High gain and low return loss design with excellent pattern performance and specifications.
- PIM less than -150dBc @ 20w.
- Compact design, light weight and easy installation.
- Customized products are available.
- Lifetime warranty.



Models	Descriptions
ID727VH35-A20	698-2700MHz, -150dBc, N Type
ID727VH35-A20M	698-2700MHz, -150dBc, 4.3-10 Type

### ELECTRICAL SPECIFICATIONS

Frequency	698-960MHz	1710-2700MHz
Intermodulation	≤-150dBc (IMD3 with 2x20W)	
Gain	3.5dBi	4.5dBi
Polarization	Linear H-V for Each Radiator	
Isolation	>19dB	>20dB
VSWR	≤1.8	≤1.8
Beamwidth	H:360°                                  V:90°	H:360°                                  V:46°
Impedance	50Ω	
Power Handling	50w	
Lighting Protection	DC Ground	

### MECHANICAL SPECIFICATIONS

Operating Temperature	-40°C to +55°C   -40°F to +131°F
Connectors	N-Female or 4.3-10-Female
Reflector Material	Aluminum
Radome Material	ABS (UV Stabilized)
Weight	0.45Kg   0.99lb
Dimensions	Ø215*47mm   8.46*1.85in

### Radiation Pattern

