

LTE DAS Directional Panel Antenna

698-960 & 1710-2700MHz

DAS6927-SDP153



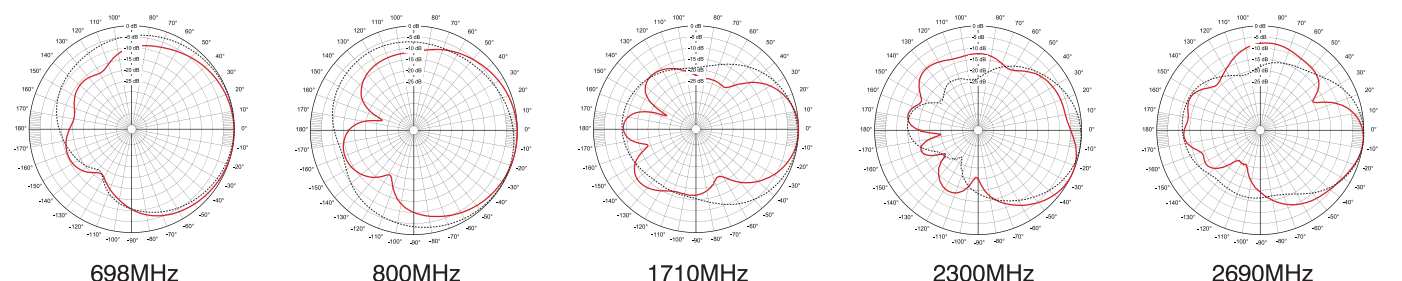
The DAS6927-SDP153 antenna is a high performance, PIM rated directional panel mount antenna, covering 698-960MHz & 1710-2700MHz. The multi-band design eliminates the need to purchase different antennas to suit each frequency and is ideal for all fixed in-building directional coverage applications.

Features:

- Compact form factor
- Provides coverage across all LTE and WLAN bands
- Ideal for DAS deployment for in-building directional coverage solutions
- Excellent PIM performance
- 300mm tail terminated with 4.3-10-type female connector



Radiation Patterns:



Electrical Specifications

Model Number	DAS6927-SDP153			
Frequency Band (MHz)	698-800	800-960	1710-2200	2200-2700
Polarisation	Vertical			
Gain (dBi)	5.5		7	
Horizontal Beamwidth (°)	100	95	60	55
Vertical Beamwidth (°)	85		60	50
Front-to-back Ratio (dB)	≥ 15		≥ 20	
VSWR	< 1.8:1	< 1.5:1		
Maximum Input Power (W)	50			
PIM (@ 2 x 43dBm)	≤ -153dBc			
Impedance (Ω)	50			

Mechanical Specifications

Model Number	DAS6927-SDP153
Antenna Type	Vertical Polarised Directional
Application	Indoor
Pigtail	Plenum Cable
Connection Type	4.3-10 Type connector (female) with pigtail cable
Lightning Protection	DC Grounded
Operating Temperature	-140°C to +80°C
Relative Humidity	0% to 100%
Size (mm)	206(L) x 175(W) x 41(H)
Radome Material	UV Resistant ABS
Radome Colour	White
Weight (kg)	0.3