

UHF/LTE DAS Omni-directional Ceiling Antenna

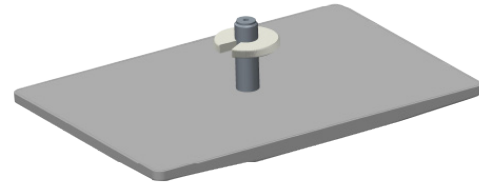
380-470MHz & 698-2700MHz

DAS3827-SOC-N



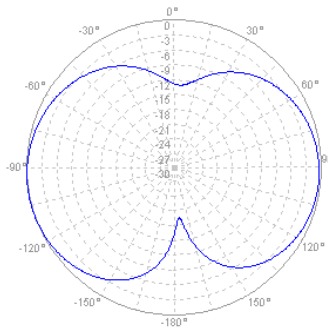
The DAS3827-SOC-N is a unique PIM rated multi-band omni-directional ceiling mount antenna, covering both UHF bands, 380-470MHz and LTE Cellular bands, 689-960MHz & 1710-2700MHz.

The multi-band design eliminated the need to purchase different antennas for each frequency and is ideal for all fixed in-building coverage applications.

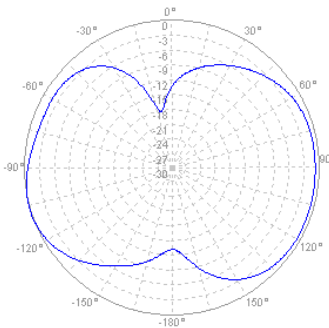


Features:

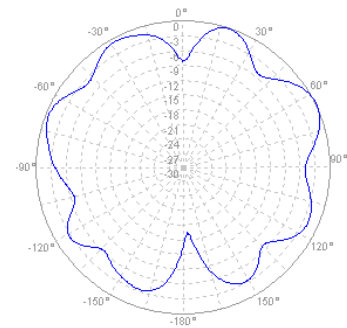
- Ultra compact form factor
- Provides coverage across UHF & GSM / CDMA/ PCS / 3G / 4G and WLAN bands
- Ideal for DAS deployment for in-building coverage solutions
- Excellent PIM performance
- Stud mount with an integrated N-type female connector



Typical E Plane (380-470MHz)



Typical E Plane (698-960MHz)



Typical E Plane (1427-2700MHz)

Electrical

Model Number	DAS3827-SOC-N		
Frequency MHz	380-470	698-960	1427-2700
Gain dBi	2.5	3.5	4.5
Polarisation	Vertical		
Vertical Beamwidth °	≥ 15		
VSWR	<2.5:1	<1.8:1	
Impedance Ω	50		
Power W	50		
Passive IM 3rd order dBc	-140 (2*43dBm carriers)		

Mechanical

Model Number	DAS3827-SOC-N
Connector	N-Type Female
Connector Position	Bottom
Dimensions H x W x D mm	265 x 182 x 15
Weight kg	0.4
Radome Material	ABS
Radome Colour	White
Operating Temperature °C	-40 to +60