

Low profile SISO Omni-directional Ceiling Antenna

698-960 & 1710-4200MHz

DAS6942-SOC160



The DAS6942-SOC160 antenna is a multiband Omni-directional antenna, covering the full LTE/5G bands 698-960MHz & 1710-4200MHz. Extensive research has produced an indoor DAS antenna which is not only characterised by low PIM performance but also to external PIM mitigation. The low profile design has been optimised to offer the best omni-directional coverage with minimal aesthetics. An extended tail has also been added for easier installation.



Features:

- Low profile form factor
- Ideal for boosting cell coverage and in-building solutions
- Excellent PIM performance at -160dBc
- Stud mount with 500mm tail terminated with 4.3-10 female connector

Electrical

Model Number	DAS6942-SOC160				
Frequency MHz	698-960	1710-2170	2170-2700	2700-3200	3200-4200
Polarisation	Vertical				
Gain dBi	4.3	4.7	4.3	4.3	7.5
E Plane °	120	50	48	50	41
H Plane °	360 ± 3				
VSWR	<1.8:1				
Power Max. W	50				
PIM (@ 2 x 43dBm)	≤-160dBc				
Impedance Ω	50				

Mechanical

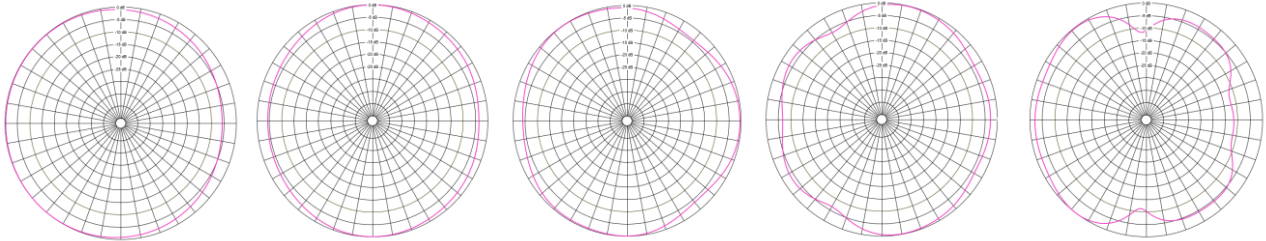
Model Number	DAS6942-SOC160
Antenna Type	SISO Omni-directional ceiling antenna
Application	Indoor
Connection Type	1 x 4.3-10 (female) on 0.5m tail
Operating Temperature	-40°C to +60°C
Size mm	70 x 191Ø
Radome Material	UV Resistant ABS
Radome Colour	White
Weight kg	0.15

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Patterns

H Plane



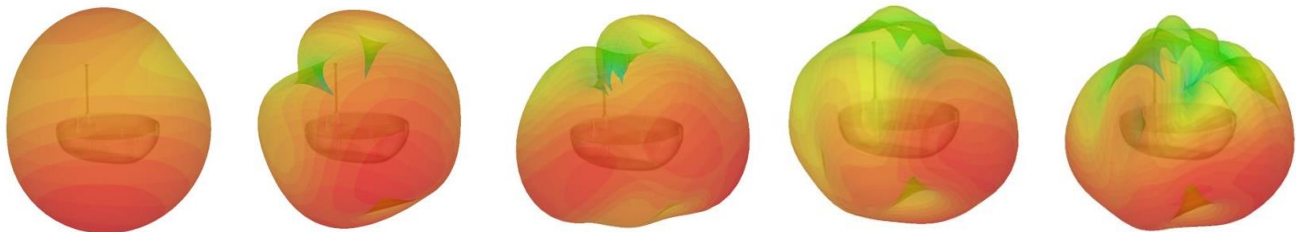
698MHz

1710MHz

2170MHz

2700MHz

3500MHz



Dimensions

