

DAS Directional Antennas

698 – 4000 MHz

P.DAS6940-xxxxx-xxxF



PIM rated, SISO directional panel and log periodic (LPDA) antennas covering Cellular bands. Wideband - eliminating the need to install different antennas for each frequency. Ideal for fixed in-building coverage applications.

The Pulse DAS antenna range includes both indoor and outdoor antenna designs and choice of type-N or 4.3-10 connectors.

Key Features

- SISO 300mm tail terminated with female connector (type-N or 4.3-10 interface)
- Unobtrusive, compact form factor
- Coverage across multiple cellular and WLAN bands
- Ideal for DAS deployment for in-building coverage solutions
- Excellent PIM performance

Electrical Specifications

Model Number	P-DAS6940-PANEL-NF	P-DAS6940-PANEL-4.3F		P-DAS6940-LPDA-NF	P-DAS6940-LPDA-4.3F	
Application	Indoor Wall-Mounted Panel			Indoor/outdoor Pole-Mounted Shrouded LPDA		
Coverage Bands	Cellular			Cellular		
Operating Frequency MHz	698-960	1710-2700	3300-4000	698-960	1710-2700	3300-4000
VSWR	≤2.0	≤1.8	≤1.8	≤2.0	≤1.8	≤1.8
Nominal Gain dBi	6.0	8.0	7.0	9.5	11.0	11.5
Nominal Beamwidth E Plane	86°	60°	45°	66°	58°	42°
Nominal Beamwidth H Plane	92°	65°	50°	90°	75°	54°
Front to Back Ratio dB	≥9	≥15	≥11	≥15	≥15	≥15
Polarisation	Vertical			Vertical		
Nominal Impedance	50 Ω			50 Ω		
Maximum Input Power	50 W			50 W		
Passive IM 3rd order dBc	-150		-153	-150		-153

Mechanical Specifications

Model Number	P-DAS6940-PANEL-NF	P-DAS6940-PANEL-4.3F	P-DAS6940-LPDA-NF	P-DAS6940-LPDA-4.3F
Mounting Style	Wall bracket supplied. Short coax cable tail		Ø38-Ø52 mm Pole bracket supplied. Short coax cable tail	
Environment	Indoor only		Indoor/Outdoor IP65	
Cable tail	Type-N Female Jack	4.3-10 Female Jack	Type-N Female Jack	4.3-10 Female Jack
Operating Temperature °C	-40 ~ +65		-40 ~ +65	
Width mm	158		64	
Height mm	180		210	
Depth mm	60		440	
Weight kg	0.4		0.8	
Radome Material	ABS (White)		UV Stabilised ABS (White)	
Reflector Material	Aluminium		Aluminium	



The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.