Product Data Sheet



EM-B42002-NJ
iDAS Wide Band, PIM Rated Indoor Ceiling Mount Antenna 698-6000 MHz

- Plenum Rated Construction
- Mounts through any Ceiling Panel, conductive or non-conductive, up to 1-3/8 in. (35mm) thick
- Vertically Polarized
- PIM Rated <-150 dBc

Electrical Specifications

Frequency Band		698-6000 MHz
VSWR	698-3500 MHz	<2:1
	>3500-6000 MHz	<2.5:1
Impedance		50Ω
Gain	698-960 / 1710-2100 / 2100-2700 MHz	2 dBi / 3 dBi / 3.5 dBi, typical
Gain	3500-3700 / 5200-5900 MHz	2.5 dBi / 3 dBi, typical
Radiation Pattern Coverage		Omnidirectional
Polarization		Vertical
Power Handling		50 W
PIM Rating (2x43 dBm)		<-150dBc

Mechanical Specifications

Height, As Mounted	4.52 in. (115 mm)
Diameter	8.1 in. (205 mm)
Mounting Hole Dia.	0.7 in. (18 mm)
Mounting Surface Thickness (max)	1.375 in. (35mm)
Weight (Installed)	0.75lb. (0.34kg)
Mounting Application / Type	Direct Ceiling Mount, Thru-Hole
Mounting, Optional	#8 Screws (3 ea. sold separately)
Connector Type	N Type, Jack
Cable Type, Length	RG-141 Teflon Type, 10 in.(254mm)
Operating Temperature Range	-40° to 85° C

Specifications subject to change without notification.

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