



## EM-B40005-NJ

### Multi-Band iDAS

### Indoor Ceiling Mount Antenna

### 698-960 / 1710-2700 MHz

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

#### Electrical Specifications

Frequency Band	698-960 / 1710-2700 MHz	
VSWR	698-760 MHz	<1.8:1 typ., 2:1 max.
	760-960 MHz	<1.5:1 typ., 1.6:1 max
	1710-2700 MHz	<1.3:1 typ., 1.5:1 max.
Impedance	50Ω	
Gain	698-960 / 1710-2100 / 2100-2700 MHz	2 dBi / 3 dBi / 5 dBi
E-Plane HPBW	80°, typical	
H-Plane HPBW	Omnidirectional	
Polarization	Vertical	
Power Handling	50 W	
PIM Rating (2x43 dBm)	<-150dBc	

#### Mechanical Specifications

Height, As Mounted	4.5 in. (114.3 mm)	
Diameter	8 in. (203 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	
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.