



## EM-B40004-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

#### 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

#### 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.