



## Ultra Flat Ceiling Mount DAS Antenna

The PIM160-ICS is a multi-band omnidirectional antenna with ultra-low PIM (@ 2x43 dBm) for indoor ceiling mount installations. The antenna is designed to operate within the frequency ranges of 698-960 MHz and 1710-2700 MHz, providing optimized pattern coverage for indoor DAS applications.

### Features

- Ultra-low PIM (@ 2x43 dBm)
- 4.1-9.5 Mini DIN , 4.3-10 or N Female connector options for carrier network compliance
- Multi-band coverage with low VSWR performance
- Aesthetically pleasing, low-profile housing
- Single stud mount cable exit for installation ease
- UL94 V0 listed materials and Plenum rated cable for compliance to strict building safety code specifications



PIM160-ICS

### STANDARD CONFIGURATION

Model	Cable	Connector	Mounting Method	Radome
PIM160-ICS-4.3	7.87-inch (200mm)	One x 4.3-10 (Female)	Ceiling Mount.	White, UV-resistant ABS plastic
PIM160-ICS-NF	R670-141 SXE Plenum	One x N Female	Single 1.34" (34 mm) M18 x 1.0 threaded stud and plastic HEX nut.	

### ELECTRICAL SPECIFICATIONS

Frequency Range	Average Peak Gain	VSWR
698-894 MHz /	4 dBi	≤ 1.6:1
894-960 MHz /	4 dBi	≤ 1.6:1
1710-2180 MHz /	6.5 dBi	≤ 1.6:1
2180-2700 MHz	7 dBi	≤ 1.6:1

### ELECTRICAL SPECIFICATIONS, continued

Power Handling	Nominal Impedance	Polarization	Azimuth Half Power Beamwidth	PIM Rating 3rd Order, 2 x 20 W (Typical)
50 watts (maximum)	50 ohms	Linear, vertical	Omnidirectional	≤ -160 dBc

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Temperature Range	Material Substance
9.8 OD x 1.3 H in (25 x 3.4 cm)	0.45 kg	-40°C to +80°C (Storage) -30°C to +70°C (Operating)	RoHS Compliant