



Low-Profile Wall Mount DAS Antenna

The PIM160-IPS is a multi-band directional panel antenna with ultra-low PIM (@ 2x43 dBm) for indoor wall 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
- Includes wall mount hardware for installation ease
- UL94 V0 listed materials and Plenum rated cable for compliance to strict building safety code specifications



PIM160-IPS

STANDARD CONFIGURATION

Model	Cable	Connector	Mounting Method
PIM160-IPS-4.3	7.87-inch (200mm)	4.3-10 (Female)	Wall mount. Includes hanging plate assembly with self-tapping screws and extension pipe hardware.
PIM160-IPS-NF	R670-141 SXE Plenum	N Female	

ELECTRICAL SPECIFICATIONS

Frequency Range	Gain	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth	VSWR
698-800 MHz/800-960 MHz/ 1710-2200 MHz/2200-2700 MHz	≥ 5.5 dBi	100 ± 5°	85 ± 10°	≤ 1.8
	≥ 5.5 dBi	95 ± 5°	85 ± 10°	≤ 1.6
	≥ 7 dBi	60 ± 5°	60 ± 10°	≤ 1.5
	≥ 7 dBi	55 ± 5°	50 ± 10°	≤ 1.5

ELECTRICAL SPECIFICATIONS, continued

Power Handling	Nominal Impedance	Polarization	Front to Back Ratio	PIM
50 watts (maximum)	50 ohms	Vertical	@ 698-960 MHz: ≥ 10 dB @ 1710-2700 MHz: ≥ 10 dB	≤ 160 dBc

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Temperature Range	Relative Humidity	Radome
8.1 L x 6.9 W x 1.6 H in (20.6 x 17.5 x 4.1 cm)	0.3 kg	-40°C to +80°C (Storage) -40°C to +70°C (Operating)	0%-100%	White, UV-resistant ABS plastic