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Item # SL80173WP, SL80173WP Tri-Band Omni Antenna[larger image](#)**Tri-band: 881-960, 1710-1880 and 1920-2170 MHz ceiling mount omnidirectional antenna**[Stock Locator](#)

The Cushcraft SL80173WP is a tri-band, linearly polarized 3 dBi omnidirectional panel. It is designed to provide pattern coverage that is optimized for indoor coverage requirements at 880-960, 1710-1880 1920-2170 MHz, for the GSM, DCS and UMTS frequency bands. The antenna features a pattern that has been specifically shaped to provide optimal

performance from a ceiling mount location. The pattern is also very uniform and symmetrical, providing systems integrators with the ability to precisely determine cell size, a major benefit in trying to determine cell density and cell overlap for in-building systems.

The antenna's low profile (6" x 6" x 1.25") radome features both a very small footprint and a slim silhouette and is perfect for office and retail spaces where a premium is placed on being aesthetically complimentary and unobtrusive to the existing environment. The standard antenna comes with 3 integrated 12" plenum rated coax pigtails and N female connectors.

However, the design allows for the implementation of alternative coax lengths and types and connector types. Application examples include corporate offices, shopping centers and transportation centers.

Specifications

Band	DCS GSM UMTS
Frequency	880 to 960 MHz 1710 to 1880 MHz 1920 to 2170 MHz
Nominal Gain	3 dBi
Beamwidth, E Plane	60° at 1710 to 1880 MHz 60° at 1920 to 2170 MHz 70° at 880 to 960 MHz
Beamwidth, H Plane	Omnidirectional
Polarization	Linear
Antenna Weight	0.75 lbs 0.34 kg

VSWR	2:1
Mounting Style	Ceiling mount
Dimensions	6 x 6 x 1.25 in
Pigtail	12 in
Enclosure Material	ABS
Power	2 watts
RF Connector	N (Female)

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