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Item # SL8025WP, SL8025WP Tri-Band Omni Antenna[larger image](#)**Tri-Band : 806-960, 1710-2170 and 2400-2500 MHz Ceiling Mount Omnidirectional Antenna**[Stock Locator](#)

The Cushcraft SL8025WP 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 806-960, 1710-2170 2400-2500 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 an integrated 36" plenum rated coax pigtail and N male connector.

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 | 806 to 960 MHz 1710 to 2170 MHz 2400 to 2500 MHz |
| Nominal Gain | 3 dBi |
| Beamwidth, E Plane | 50 ° 55 ° 60 ° |
| Beamwidth, H Plane | Omnidirectional |
| Polarization | Linear |
| | 0.75 lbs |

| | |
|---------------------------|-----------------|
| Antenna Weight | 0.34 kg |
| VSWR | 2:1 |
| Mounting Style | Ceiling mount |
| Dimensions | 6 x 6 x 1.25 in |
| Pigtail | 36 in |
| Enclosure Material | ABS |
| Power | 10 watts |
| RF Connector | N (Male) |

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