SAFETY

The antennas and all associated equipment should be installed in accordance with all applicable local and national electrical code guidelines to ensure safe operation.

APPLICATION

The OC24519 is a 2.4-2.5/5.25-5.925 GHz dual-band omnidirectional collinear array especially designed to compliment interior or exterior mounted wireless network systems. The integrated male or female N-connector is imbedded in the antenna base cap for direct AP mounting. Sealing permits either upright or inverted orientation in outdoor locations. The antenna may also be pole-mounted when separation from the AP is required for optimum positioning.

LOCATION

For best results, mount the antenna and the associated AP unit near ceiling level or above exterior obstructions in a location near the center of the coverage area. A line-of-sight path between the antenna and active locations works best. Although frequency signals penetrate cubical dividers, partitions and interior walls with little attenuation, reinforced block walls, metal surfaces and steel shelving may attenuate signals or cause multipath, a condition where reflected signals interfere with the primary signal path. Avoid mounting next to a column or vertical support that could create a “shadow zone” of coverage to one portion of the room.

MOUNTING

The antenna mounts directly to a connector on the unit itself.