

### Description

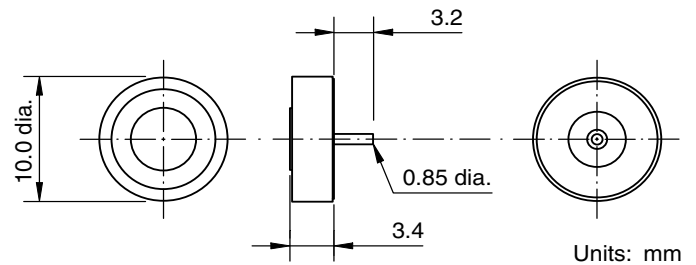
The TOKO DAL5250CT17T is a compact, vertically polarized dielectric antenna specifically designed for 5.250 GHz applications including IEEE 802.11a wireless networking. The antenna unit consists of a dielectric element with a 50Ω center terminal permitting direct connection to a 50Ω printed circuit board pattern without a matching circuit.



### Features

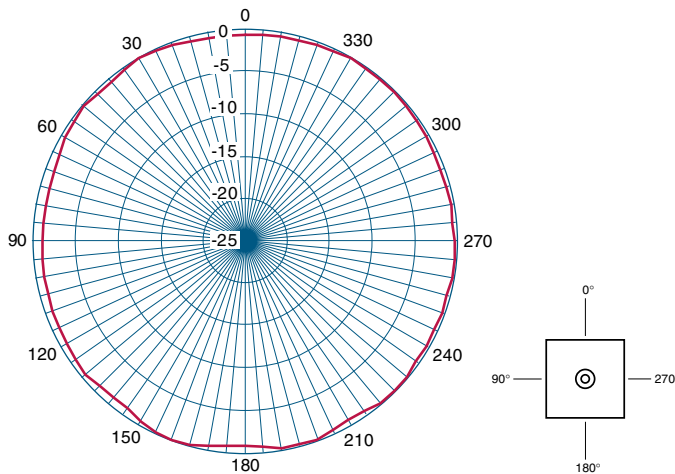
- Center Frequency: 5250 MHz
- Bandwidth: ± 100 MHz
- Miniature footprint: 10mm diameter
- Low profile: 3.4mm
- Peak Gain: 2.0 dBi (typ.)
- SWR: 2.0 max.
- Impedance: 50 Ω
- Weight: 1.0 gram
- Operation temperature: - 20°C to + 85°C
- Storage temperature: - 40°C to + 90°C

### Dimensions

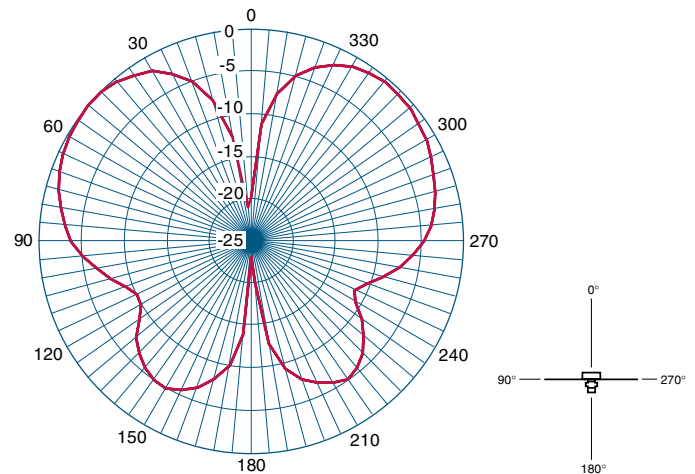


### Typical Characteristics

#### Horizontal Pattern



#### Vertical Pattern



**NOTE:** All characteristics measured with antenna centered on a 50.0mm x 50.0mm ground plane of 0.3mm thickness.



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