

# INTRODUCING TRI-BAND WI-FI 6E/7 WLAN ANTENNA

## #L000659-02

- **Wi-Fi, Wi-Fi 6, Wi-Fi 6E and Wi-Fi 7 coverage**
- **High performance beam pattern**
- **Direct to Access Point mounting**
- **Suitable for upright or inverted orientations**
- **Shock, Vibration and Earthquake tested**



L000659-02 is a 2.4-2.5 / 4.9-6.0 / 6.0-7.125 GHz tri-band omnidirectional array antenna with a rotatable type-N male connector and sleeved base for ease of installation. Especially designed to complement interior or exterior mounted Wi-Fi 6E wireless network systems.

The antenna is supplied with an integrated, rotatable type-N male connector and sleeved base for ease of installation.

Sealing permits upright orientation in both indoor and outdoor locations, or inverted orientation for indoor mounting.

### KEY BENEFITS

- Suitable for all legacy, current and expected future WLAN applications including:
  - Wi-Fi 7 (802.11be), Wi-Fi 6E (802.11ax), Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), Wi-Fi 4 (802.11n), Wi-Fi 1-3 (802.11b/a/g)
- Integrated and rotatable type-N male connector and sleeved base for ease of installation
- High performance beam pattern with optimized sidelobe suppression for maximized coverage in target area
- Direct to Access Point mountable
- Suitable for upright or inverted orientations
- Highly durable

### APPLICATIONS

- Private Networks
- Local WLAN
- Outdoor WLAN
- Indoor WLAN
- Access Points
- Automation
- Control Systems

### TARGET MARKETS

- WLAN Applications

### ELECTRICAL

Full electrical specification available in product datasheet

- Peak Gain - 6.2 dBi
- Peak Efficiency - 80%
- VSWR - <2.0:1

### ENVIRONMENTAL SPECIFICATIONS

- Operating & Storage Temperature °C (°F) - -40 to +70°C (-40 to +158°F)
- Material Substance Compliance - RoHS, CE and UKCA Compliant

### MECHANICAL

- Dimensions - h x d - mm (in.)  
- 245.7 x Ø28.6 (9.67 x Ø1.13)
- Weight - g. (lbs) - 120 (0.27)
- Radome - Polycarbonate, UV (White)
- Testing - Vibration (IEC 60068-2-64), Earthquake (IEC 60068-2-6 [Fc]), Shock (IEC 60068-2-27)

### LEARN MORE

[Product Landing Page](#)

[Datasheet](#)

[Customer Presentation](#)