



OC24519-FNM Omnidirectional Antenna

2.4-2.5 GHZ, 5.25-5.925 GHZ DUAL-BAND OMNIDIRECTIONAL ANTENNA

The Laird OC24519-FNM 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.

FEATURES

- Dual-band high gain performance
- Vertically polarized omnidirectional
- UV-rated polycarbonate radome
- Direct to radio mounting
- Conformance to RoHS

MARKETS

- Offices, hotels, and college campuses
- Airports and hospitals
- Bus terminals and train stations
- Museums, libraries, and retail malls
- Wi-Fi hot spots

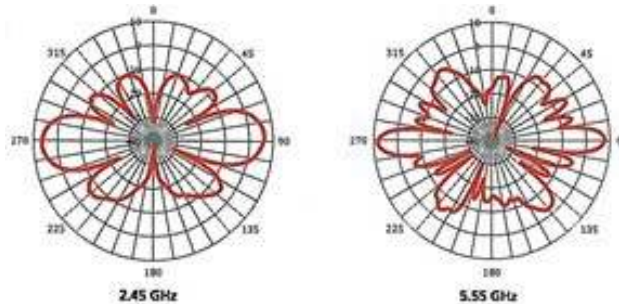
SPECIFICATIONS

Frequency	2.4-2.5 GHz/5.250-5.925 GHz	
Gain	7.5 dBi/9 dBi	
Polarization	Vertical	
VSWR	2.40-2.500 GHz	≤ 1.5:1
	5.25-5.700 GHz	≤ 1.8:1
	5.70-5.850 GHz	≤ 1.5:1
	5.85-5.925 GHz	≤ 2.0:1
E-Plane 3 dB Beamwidth	22°/11°	
H-Plane 3 dB	Omnidirectional	
RF Connector	Type N, fixed (male or female)	
Power	1 Watt	
Weight	0.20 kg	

SPECIFICATIONS

Radome	Polycarbonate, UV, white
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Mounting	Connector fixed, upright and inverted orientation
Dimensions (mm)	31.8 diameter x 376.8 length

ANTENNA PATTERNS



TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

te.com

TE, and TE connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

TE Connectivity warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations TE Connectivity will, at its option, either repair or replace any part of its products that prove defective because of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the TE Connectivity product is installed. Useful lifetime of the original end product may vary but is not warranted to exceed one (1) year from the original date of the end product purchase.

©2022 TE Connectivity. All Rights Reserved.

08/22 Original