



High-Performance 5G NR/4G LTE/3G/2G Flexible Polymer Adhesive Antenna

Description

Ultra-Thin Wideband Antenna That Brings Superior Performance to 5G NR Technologies

This high-performance antenna is an easy peel-and-stick low-cost solution with high efficiency, reliability, and low device power consumption making it ideal for high volume device manufacturers of consumer, industrial and commercial device applications.

This antenna is manufactured with high-grade flexible polymer and is also available in rigid fiberglass materials. It can withstand extreme temperatures ranging between -40C and 85C making it ideal for extreme indoor or outdoor device applications. We recommend maximizing the position, orientation, cable routing, and the tuning of matching components during the antenna integration process for optimal antenna performance. Please contact our Sales Department.

The 2JF0483P comes with a standard U.FL connector and 1.37mm Mini-Coax cable measuring 180mm in length. Our team of experts is available to assist in customization options by offering a wide range of alternative connectors and cables for absolute customer satisfaction. We proudly offer antenna integration services including full antenna parameter reports for impedance and OTA (over the air) measurements. 2J Antennas supports the health of our environment and manufactures all our products without hazardous materials making us fully REACH and RoHS compliant.

Technologies 5G, 4G, 3G and 2G

Standards 5G NR/4G LTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G

Frequency 617-960, 1427-2690, 3300-5000, 5150-5925

Return Loss (dB) ~-11.8, ~-12.3, ~-8.0, ~-14.3

VSWR ~2.1:1, ~1.8:1, ~2.9:1, ~1.6:1

Efficiency (%) ~45.4, ~59.8, ~46.1, ~50.6

Peak Gain (dBi) ~0.0, ~3.0, ~2.7, ~5.4

Impedance (Ohm) 50

Polarisation Linear

Radiation Pattern Omni-Directional

Max. Input Power (W) 25

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nick