

Zigbee Antennas And Related Cable Assemblies Enable Mesh Networking

Amphenol RF expands its antenna portfolio with internal and external IoT antennas which support the Zigbee wireless communication protocol.

DANBURY, CT, UNITED STATES, May 10, 2024 /EINPresswire.com/ -- Amphenol RF is pleased to announce the expansion of our emerging antenna portfolio with a variety of options that support the Zigbee wireless protocol. Zigbee antennas primarily operate on three designated frequencies: 2.4GHz, 868 MHz and 915 MHz, depending on the application use and geographic location. These antennas are designed specifically for low-power, low-data rate and close proximity applications. They primarily are used in automation and IoT (Internet of Things)

environments for their ability to support mesh networking in smart homes, industrial automation, healthcare, retail services and smart energy technology.

Zigbee antennas are preferable for a variety of designs due to their ability to meet specific application requirements related to range, power consumption, network complexity and data rate needs. Zigbee technology consumes less power which make them ideal for battery operated devices. Zigbee antennas can support a large number of devices in a single network which is useful in complex automation systems in industrial and home environments, reducing network congestion. This wireless protocol also uses a standardized protocol stack which is built to ensure interoperability between a wide range of devices from different manufacturers allowing them to communicate seamlessly.

These antennas are available in a variety of configurations such as whip, FPC and PCB, and chip options with several micro-coaxial cable assembly options designed to connect to a Zigbee



wireless module. They join a growing catalog of external and internal IoT antennas currently available in various configurations to meet common wireless protocols such as LTE, Wi-Fi, Bluetooth, GPS and LoRa.

View all: [Zigbee Supported RF Antennas](#)

Lindsay Sperling - Marketing Communications Manager

Amphenol RF

+ + +1 203-796-2034

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/710540099>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.