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WPANT10038

Bluetooth / Wi-Fi Flex Antenna



WPANT10038-C4B — *1.4'' micro co-ax with Hirose U.FL*-LP(V)-04N1T

Note: Different cable and connector style requests can be accommodated.

Application

This low profile, plug and play flex antenna can be pasted inside the cover of any wireless device.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	2.4 – 2.5 GHz
Approximate Antenna Impedance [Ω]	50Ω
VSWR (Typical)*	< 3:1
Peak Gain [dBi] (Typical)*	1 dBi
Polarization	Linear
Pattern	Near Isotropic

***Note**: These performance metrics will vary depending on the position of the antenna within a given wireless device, and the antenna integration optimization.

Mechanical / Environmental Properties

Antenna Dimensions	1.38'' x 0.374'' x 0.005'' (35mm x 9.5mm x 0.13mm)
Antenna Color	Black
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant