

WPANT10075

GPS L1 band Antenna



WPANT10075-S1A

5" micro co-ax with IPX MHF

WPANT10075-S2A

5" micro co-ax with RA MMCX

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

Application

A self-adhesive plug and play antenna for wireless devices at L1 band GPS frequencies.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to troubleshoot 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	1560 – 1590 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR (Typical)	< 2:1
Peak Gain [dBi] (Typical)	2 dBi
Efficiency [%] (Typical)	60 %
Polarization	Linear
Pattern	Near Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	1.52" x 0.24" x 0.046" (including 3M tape thickness)
Antenna Color	Black
Tape	15 mils thick 3M 4920 VHB double stick
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Picture

