

WPANT30162

MIMO Body-mount Antenna – Cellular and ISM



WPANT30162-S1A

13" micro co-ax with IPX MHF connector

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

Application

This MIMO body-mount antenna is surface-independent, which means it performs efficiently on metallic as well as non-metallic surfaces.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your requirements.

Electrical Properties

| | | |
|--|-----------------------|-----------------------|
| Operating Frequency | 824 – 960 MHz | 1710 – 2170 MHz |
| Approximate Antenna Impedance [Ω] | 50 Ω | 50 Ω |
| VSWR (Typical) | < 3:1 | < 3:1 |
| Peak Gain [dBi] (Typical) | 2 dBi | 3 dBi |
| Efficiency [%] (Typical) | 60 % | 60 % |
| Polarization | Linear | Linear |
| Pattern | Near Omni-directional | Near Omni-directional |

Mechanical / Environmental Properties

| | |
|--|---|
| Antenna Dimensions** | 2" Length x 1.1" Height x 0.8" Width (50mm x 27mm x 20mm) |
| Antenna Color | Black |
| Tape | 3M 4920 double stick |
| External Bottom Gasket Material | 3M 6208 foam |
| Nut | Nylon M12 with a slit for the cable |
| Antenna Radome | ABS + Polycarbonate |
| Operating / Storage Temperature | -40°C to +90°C |
| Environmental | Salt Spray Resistant, Water Ingress Resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0 |
| Hazardous Materials | RoHS Compliant |

**Height includes the 3M tape & foam gasket thickness.

Picture

