

WPANT30140

ISM Body Mount Vandal Proof Antenna



WPANT30140-S1A

1 meter RG316 with SMA Male connector

WPANT30140-S3A

1.5 meter RG316 with SMA Male

WPANT30140-S4A

10 ft LMR240 with Type-N Male

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

Application

This surface independent, high performance, omni-directional antenna has a very sturdy construction and is designed to be vandal proof (IK10 certified). The Antenna can be installed on any surface, metal, concrete or wood, without any compromise in the antenna performance.

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

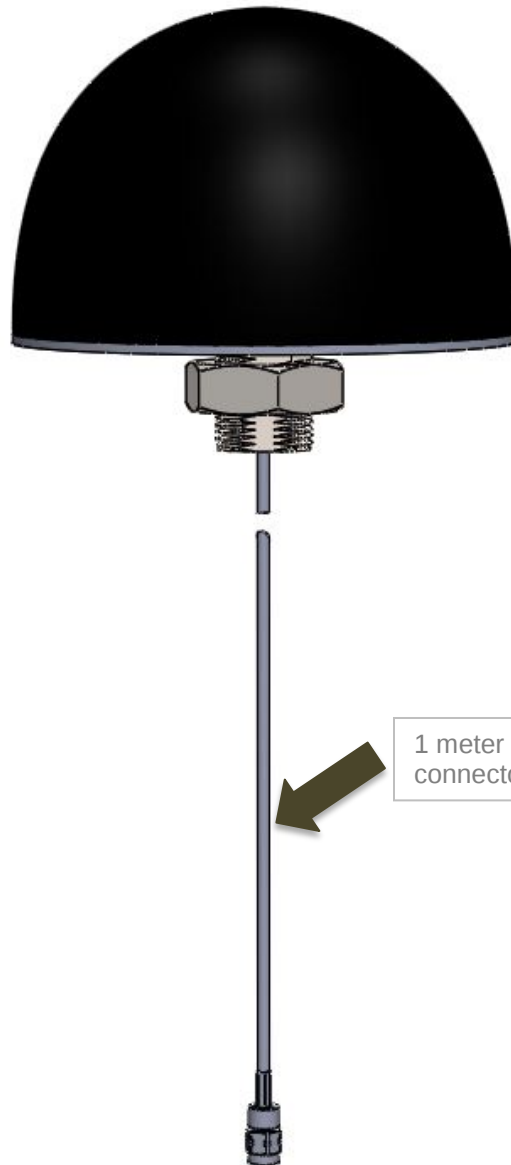
Electrical Properties

Operating Frequency Bands	850 – 930 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR (Typical)	< 2:1
Peak Gain [dBi] (Typical)	1.5 to 2.5 dBi
Efficiency [%] (Typical)	> 70 %
Polarization	Linear
Pattern	Near Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	3.15" Height x 5" Base diameter (80mm x 125mm)
Antenna Color	Black
Antenna Radome	ABS + Polycarbonate
Operating / Storage Temperature	-40°C to +125°C
Environmental	Salt Spray Resistant, Water Ingress Resistant, UV resistant, Vandal Resistant Design (IK10 Certified), Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant
Packaging	Meets ISTA 2A Standards

Picture (3D Model)



1 meter long RG316 cable with SMA Male connector

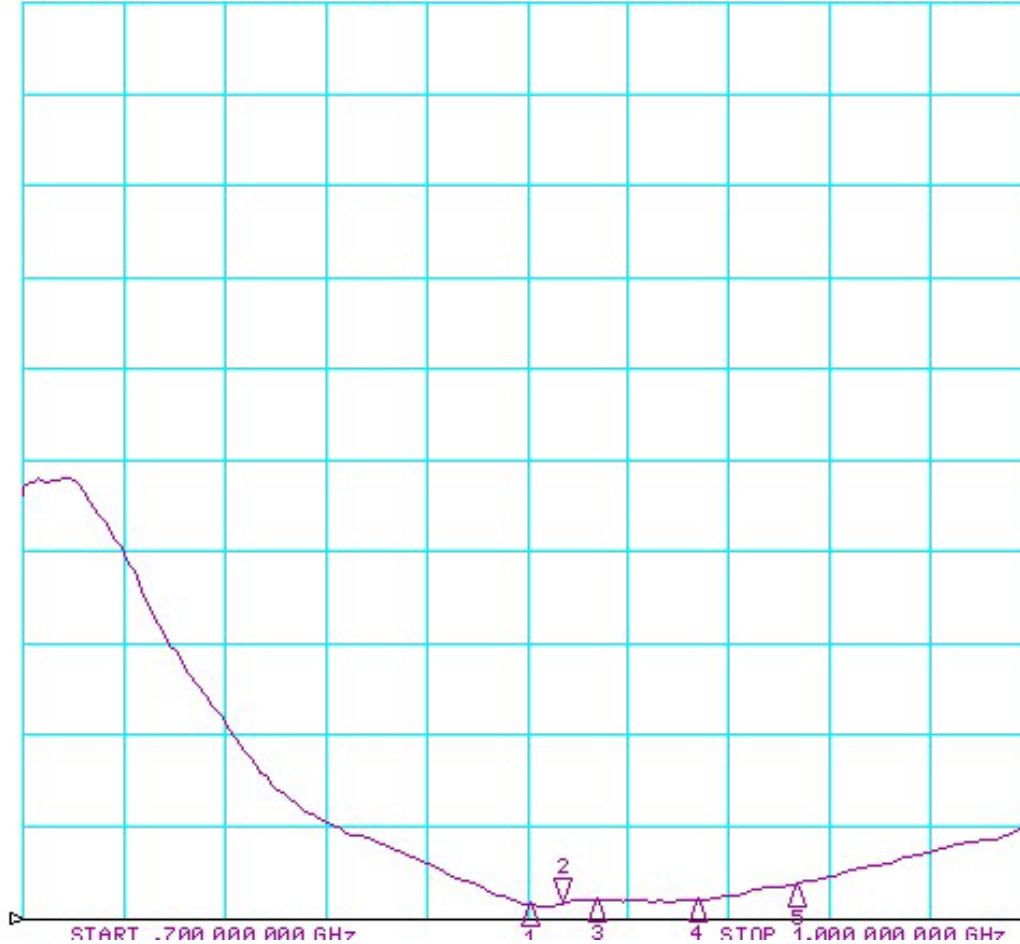
VSWR

CH1 S11 SWR 1 / REF 1 2: 1.1761 .860 000 000 GHz

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CH1 Markers

1: 1.1634
850.000 MHz

3: 1.2063
870.000 MHz

4: 1.1947
900.000 MHz

5: 1.3729
930.000 MHz

3D Radiation Pattern

