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IP-65 Outdoor 868 & 915 MHz Antenna

Pulse Part Number W5012, W5017



Pulse is proud to introduce a ruggedized line of ISM antennas for North American and European applications. These IP-65 rated antennas covering 868 to 928 MHz are suitable for either European or North American operations. The antennas are both supplied in a slim 179 mm (7 inch) package. The W5017 has an SMA-Male connector while the W5012 has SMA RP-Male.

The antennas are provided in a UV and IP-65 compliant black plastic radome making them ideal for industrial environments. Applications include Smart Metering, Green Energy, e.g. Solar Inverter Communications, Industrial Control, Remote Control and Wireless M2M.

Features
- Ingress Protection IP-65
- UV Protection
- Antenna Size 0.39 x 7 in (10 x 179 mm)
- RoHS Compliant Product

Applications
- Smart Metering
- Industrial Control
- Wireless M2M

Part Number	Connector Type /Gender
W5012	SMA-RP Male
W5017	SMA Male

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Electrical Specifications

Frequency [MHz]	868 - 928
Nominal Impedance [Ω]	50
Return Loss (dB)	-8
Gain (dBi)	2
Polarization	Omnidirectional

Environmental Specifications

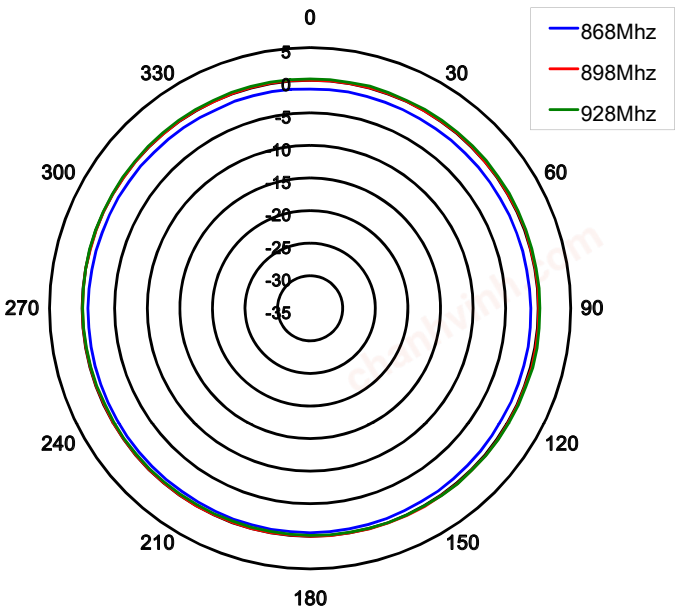
Operating Temperature [°C]	-40 to +85
Storage Temperature [°C]	-40 to +85
Relative Humidity [%]	95

Mechanical Specifications

Radome Material	TPEE
Color	Black
Ingress Protection	IP-65
Weight [ozs/g]	.3 / 9.4
Dimensions [Inches/Meters]	0.39 x 7 [10 x 179]

Radiation Patterns

Horizontal Plane



Vertical Plane

