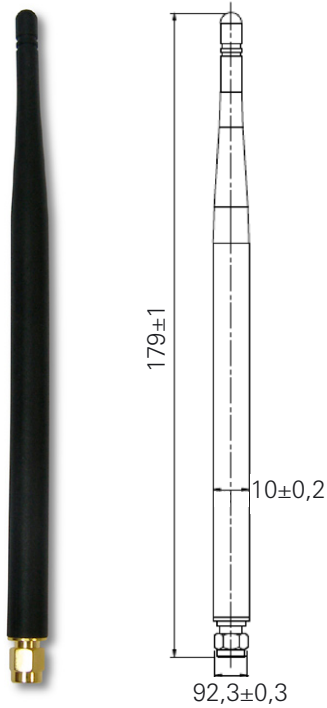


External Outdoor Antenna for 900MHz Application

Pulse Part Number: W5012



Features

- Antenna size: $\varnothing 10 \times 179 \text{mm}$
- Ingress Protection IP65
- UV protection
- RoHS Compliant Product

Applications

- ISM 900MHz
- Metering, Security, M2M Applications

Part Numbers:

P/N	Connector
W5012	Straight RP-SMA (Male Body, Female Pin)

Electrical specifications @ +25 °C

Typical free space performance

Frequency Range [MHz]	Max Gain [dBi]	Efficiency [%]	Return loss min. [dB]	Impedance [Ω]	Operating Temperature [°C]
868-928	2.0	60	-8.0	50	-40 to +85

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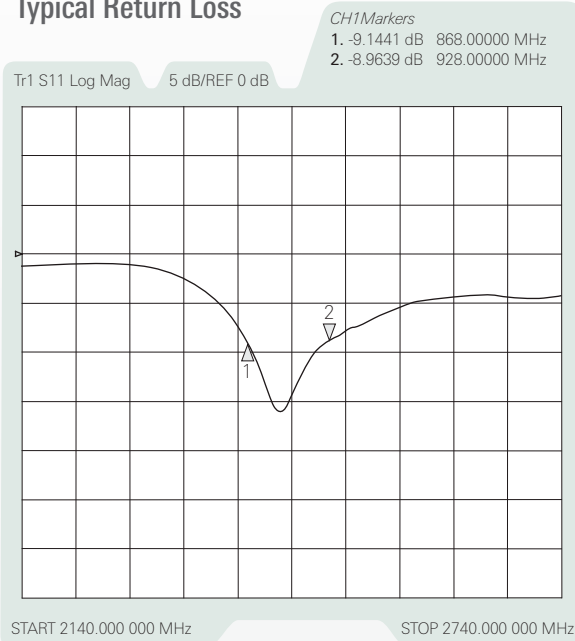
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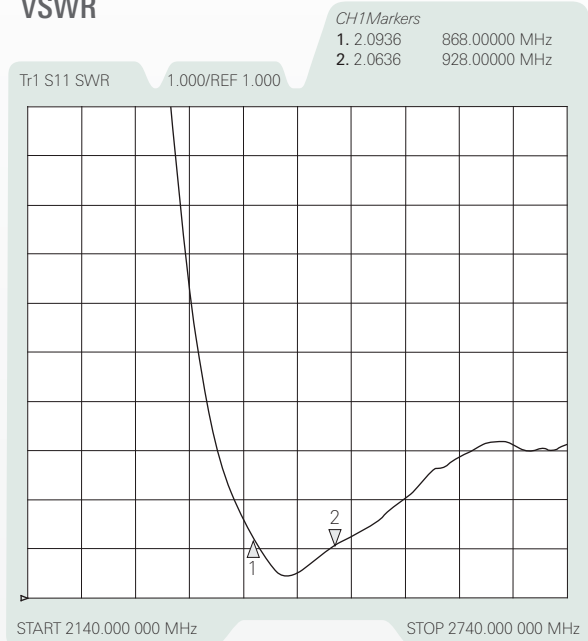
External Outdoor Antenna for 900MHz Application

Pulse Part Number: W5012

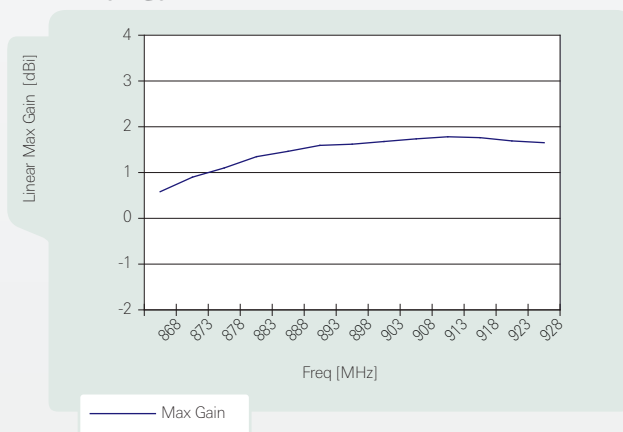
Typical Return Loss



VSWR



Max Gain



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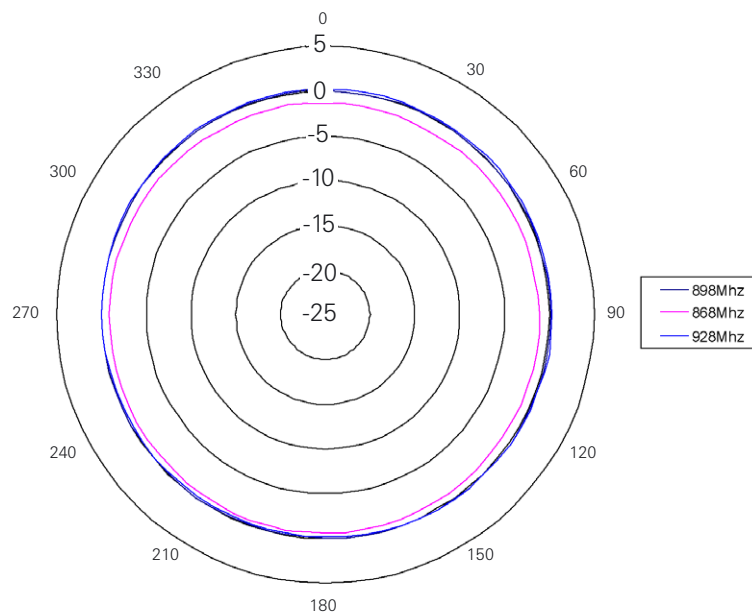
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External Outdoor Antenna for 900MHz Application

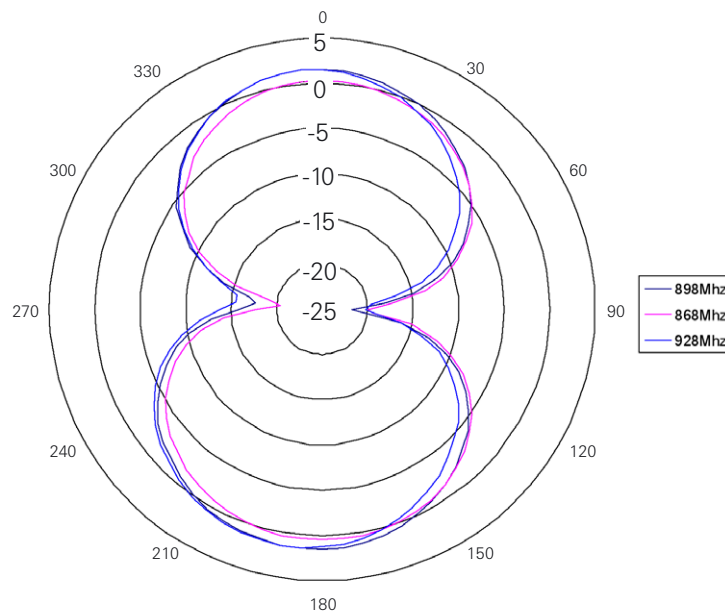
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Typical Free Space Radiation Patterns

Horizontal Plane



Vertical Plane



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