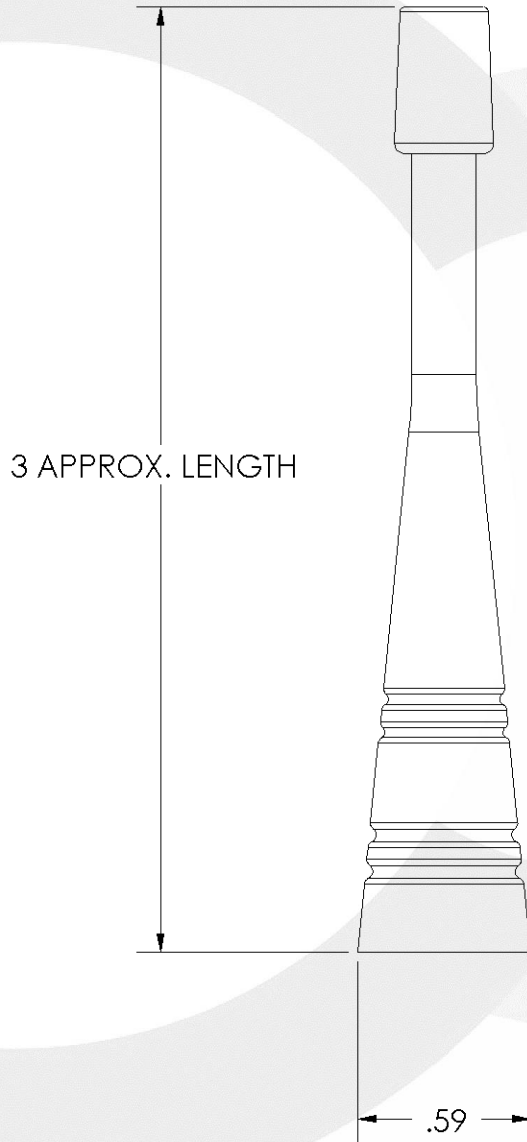


PORTABLE ANTENNAS

863-973 MHz ¼ WAVE

SPWH24918

Series : ANTENNA



All dimensions are in inches

Issue : 0710

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



PORTABLE ANTENNAS**863-973 MHz ¼ WAVE****SPWH24918**

Series : ANTENNA

ELECTRICAL SPECIFICATIONS

Frequency : (Gound Dependant).....	863-973 MHz
Nominal Impedance :.....	50 Ω
VSWR :.....	2.0:1 Max
Gain (Radiating element) :.....	1.5 dBi ± 1 dB
Peak Gain (Omni-directional plane):	0.9 dBi +/- 1 dB
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane :	Omni-directional ° ± 2 °
Vertical Plane :	Dipolar ° ± 2 °
Polarization :.....	Vertical
Power withstanding :.....	2 W
Connector type :.....	SMA MALE

MECHANICAL SPECIFICATIONS

Plastic radome :.....	TEXIN 245-1000
Color :.....	BLACK
Weight :.....	29 g
Overall length :	3 INCHES

ENVIRONMENTAL SPECIFICATIONS

Operating temperature :.....	° C
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PORTABLE ANTENNAS

863-973 MHz ¼ WAVE

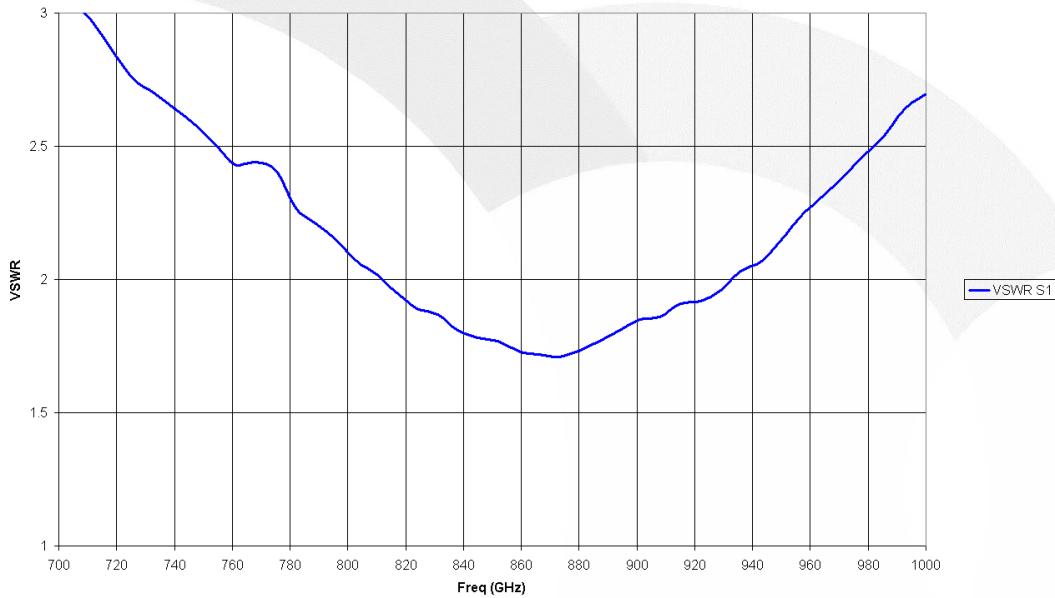
SPWH24918

Series : ANTENNA

OTHERS SPECIFICATIONS

All the electrical specifications have been defined on an important ground plane (Ø 60cm). The reduction of this diameter modifies the radiation specifications and an important part of the energy is redirected in the horizontal plane. The VSWR is ground dependant.

CURVES



Issue : 0710

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