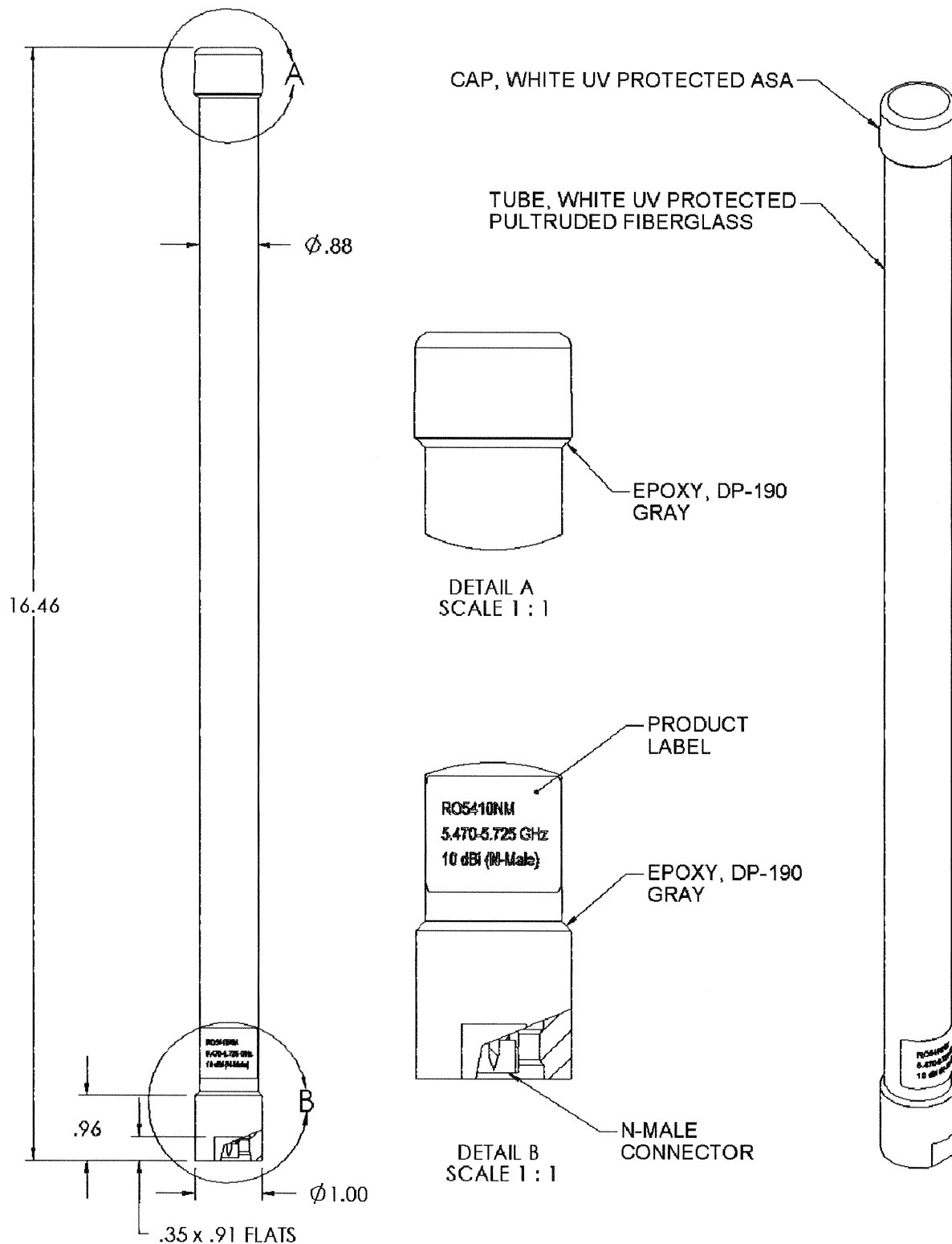


5725-5875 MHz RADOME OMNI – 10 dBi

OMNIDIRECTIONAL ANTENNA

RO5810NM

Series : ANTENNA



All dimensions are in inches

Issue : 0819

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

5725-5875 MHz RADOME OMNI – 10 dBi**OMNIDIRECTIONAL ANTENNA****RO5810NM**

Series : ANTENNA

ELECTRICAL SPECIFICATIONS

Frequency :	5725-5875 MHz
Nominal Impedance :	50 Ω
VSWR :	2:1 Max
Gain :	10 dBi
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane :	Omni
Vertical Plane :	8.5 ° ± .5 °
Cross Polarization level	
Horizontal Plane :	>23 dB
Vertical Plane :	>23 dB
Polarization :	VERTICAL
Power withstanding :	20 W
Connector type :	N Male

MECHANICAL SPECIFICATIONS

Radome :	Pultruded Fiberglass, UV-Protected
Plastic cap :	Acrylonitrile Styrene Acrylate (ASA)
	UL File-Nº. E41871 (UL 94 – HB)
Adhesive :	3M Scotch Weld™ DP-190 Gray
Color :	WHITE
Ingress Protection :	IP 67
Weight :	5.5 oz
Wind-loading :	150 Mph
Side-loading @ 1ft :	30 lbs
Vertical Pull :	100 lbs
Overall length :	16.46 INCHES

5725-5875 MHz RADOME OMNI – 10 dBi**OMNIDIRECTIONAL ANTENNA****RO5810NM**

Series : ANTENNA

ENVIRONMENTAL SPECIFICATIONS

Temperature: **-40/+65 ° C**
Ingress Protection : **IP 67**
Temperature Cycling: **-40°C dwell 6 hours/+65°C dwell 6 hours**
4 full cycles (no condensation)
Leak Test: **Fully submerged 12”**
12 hours (no water intrusion)

OTHER SPECIFICATIONS

5725-5875 MHz RADOME OMNI – 10 dBi

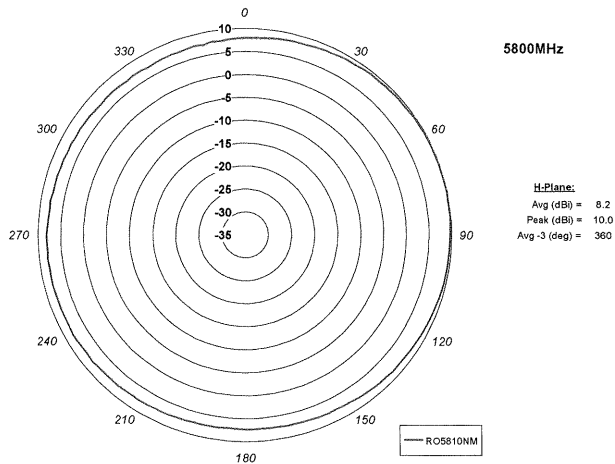
OMNIDIRECTIONAL ANTENNA

RO5810NM

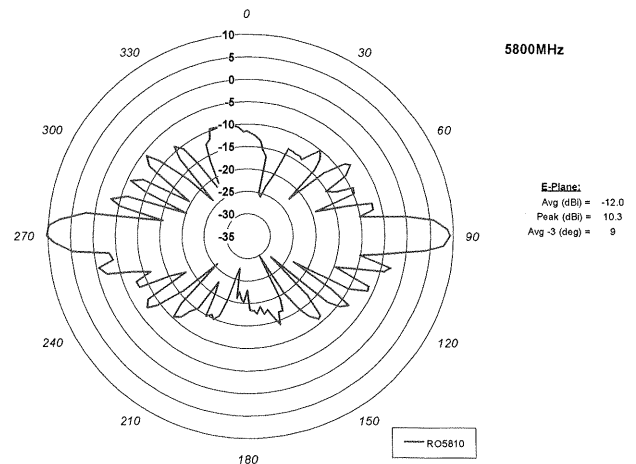
Series : ANTENNA

CURVES

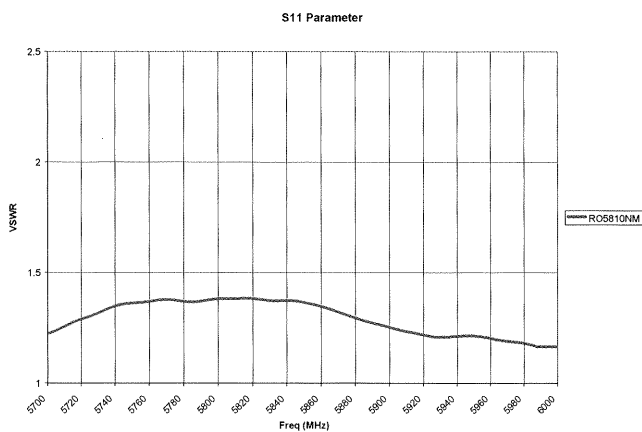
Horizontal plane



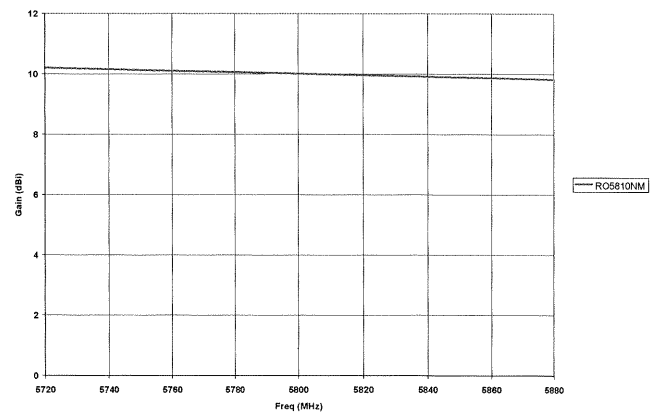
Vertical plane



VSWR



Gain



Issue : 0819

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