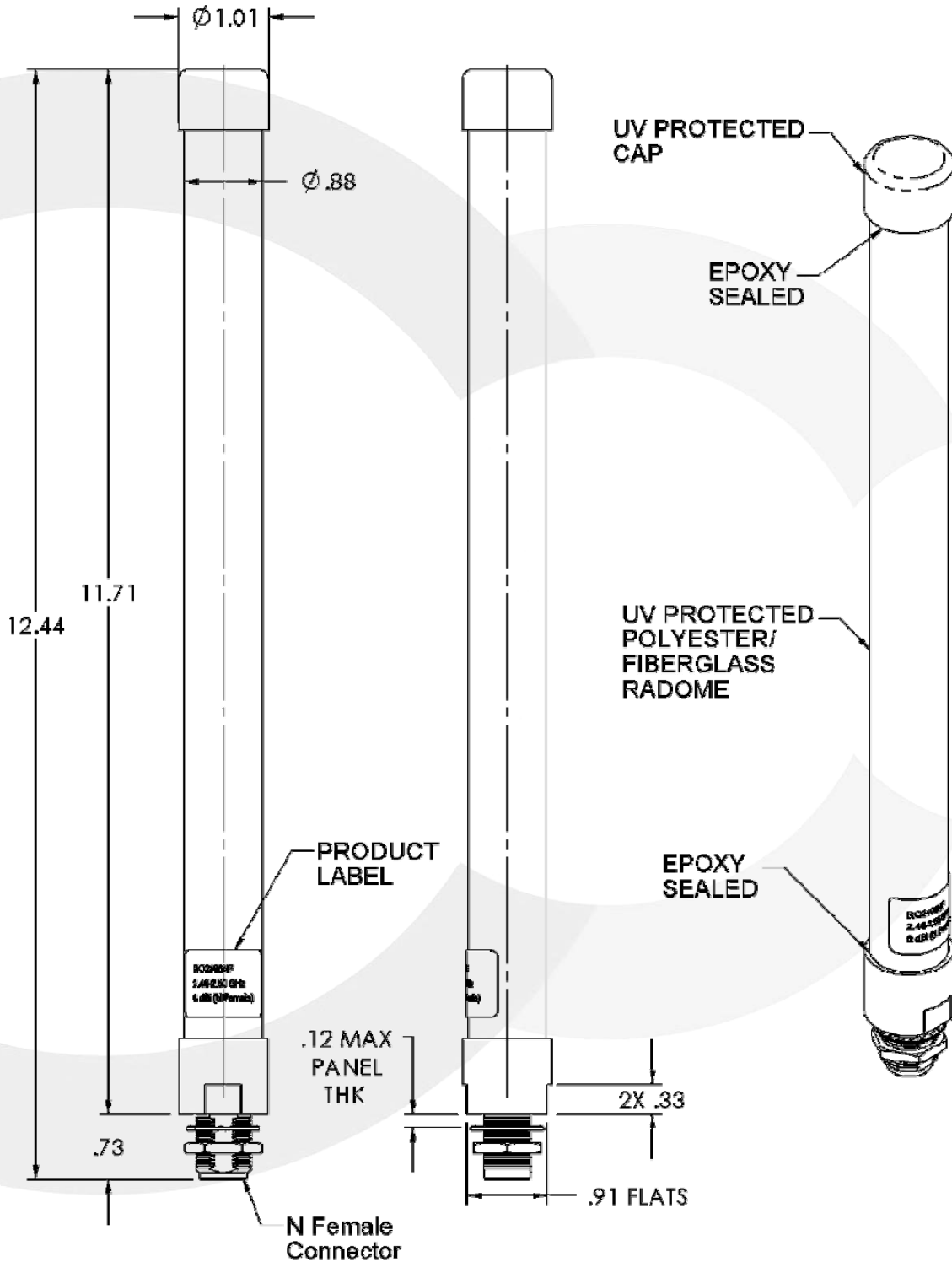


**OMNIDIRECTIONAL ANTENNA**

**2400-2500 MHz – 6 dBi**

**RO2406NF**

Series : ANTENNA



All dimensions are in inches

Issue : 0843

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



**OMNIDIRECTIONAL ANTENNA****2400-2500 MHz – 6 dBi****RO2406NF**

Series : ANTENNA

**ELECTRICAL SPECIFICATIONS**

Frequency :.....	<b>2400-2500 MHz</b>
Nominal Impedance :.....	<b>50 Ω</b>
VSWR :.....	<b>2:1 Max</b>
Gain :.....	<b>6 dBi</b>
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane :	<b>Omni</b>
Vertical Plane :	<b>28 ° ± .5 °</b>
Cross Polarization level	
Horizontal Plane :	<b>&gt;23 dB</b>
Vertical Plane :	<b>&gt;23 dB</b>
Polarization : .....	<b>VERTICAL</b>
Power withstanding :.....	<b>20 W</b>
Connector type : .....	<b>N Female</b>

**MECHANICAL SPECIFICATIONS**

Radome : .....	<b>Pultruded Fiberglass, UV-Protected</b>
Plastic cap : .....	<b>Acrylonitrile Styrene Acrylate (ASA)</b> <b>UL File-N°. E41871 (UL 94 – HB)</b>
Adhesive :.....	<b>3M Scotch Weld™ DP-190 Gray</b>
Color :.....	<b>WHITE</b>
Ingress Protection :.....	<b>IP 67</b>
Weight :.....	<b>5.8 oz</b>
Wind-loading : .....	<b>150 Mph</b>
Side-loading @ 1ft :.....	<b>30 lbs</b>
Vertical Pull : .....	<b>100 lbs</b>
Overall length : .....	<b>12.44 INCHES</b>

OMNIDIRECTIONAL ANTENNA

2400-2500 MHz – 6 dBi

**RO2406NF**

Series : ANTENNA

**ENVIRONMENTAL SPECIFICATIONS**

Temperature: .....

**-40/+65 ° C**

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****Issue : 0843**

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**OMNIDIRECTIONAL ANTENNA**

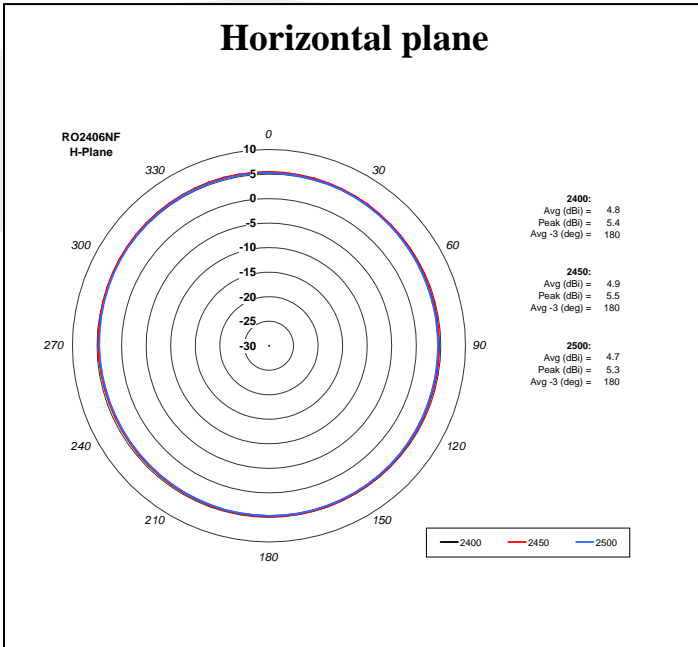
**2400-2500 MHz – 6 dBi**

**RO2406NF**

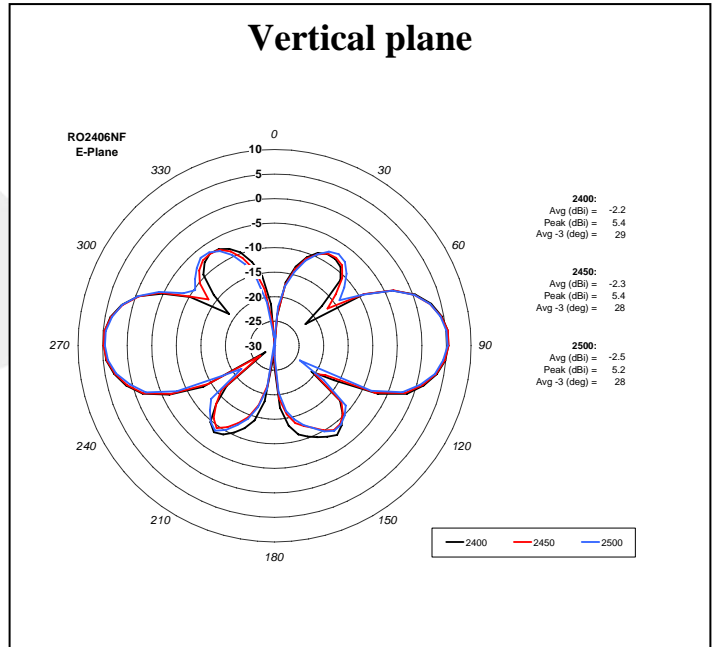
Series : ANTENNA

**CURVES**

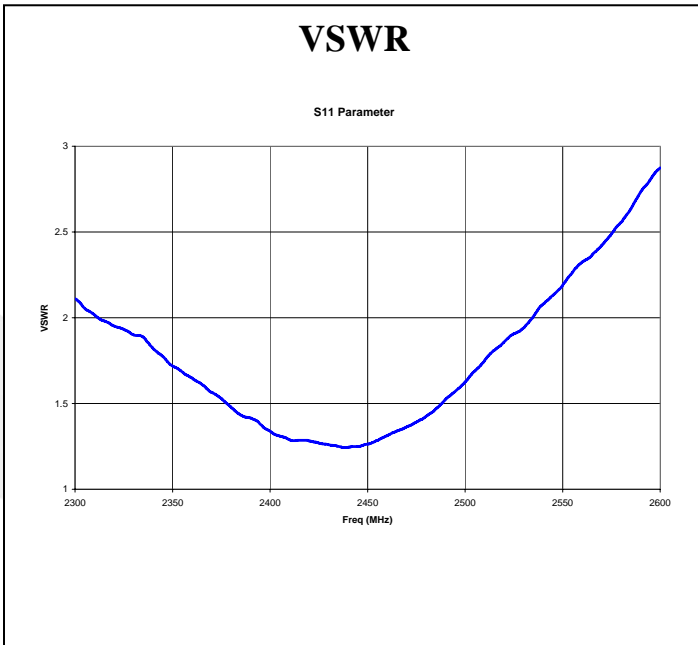
**Horizontal plane**



**Vertical plane**



**VSWR**



Issue : 0843

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