

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Pulse Electronics Corporation](#)  
[RO2406NM](#)

For any questions, you can email us directly:

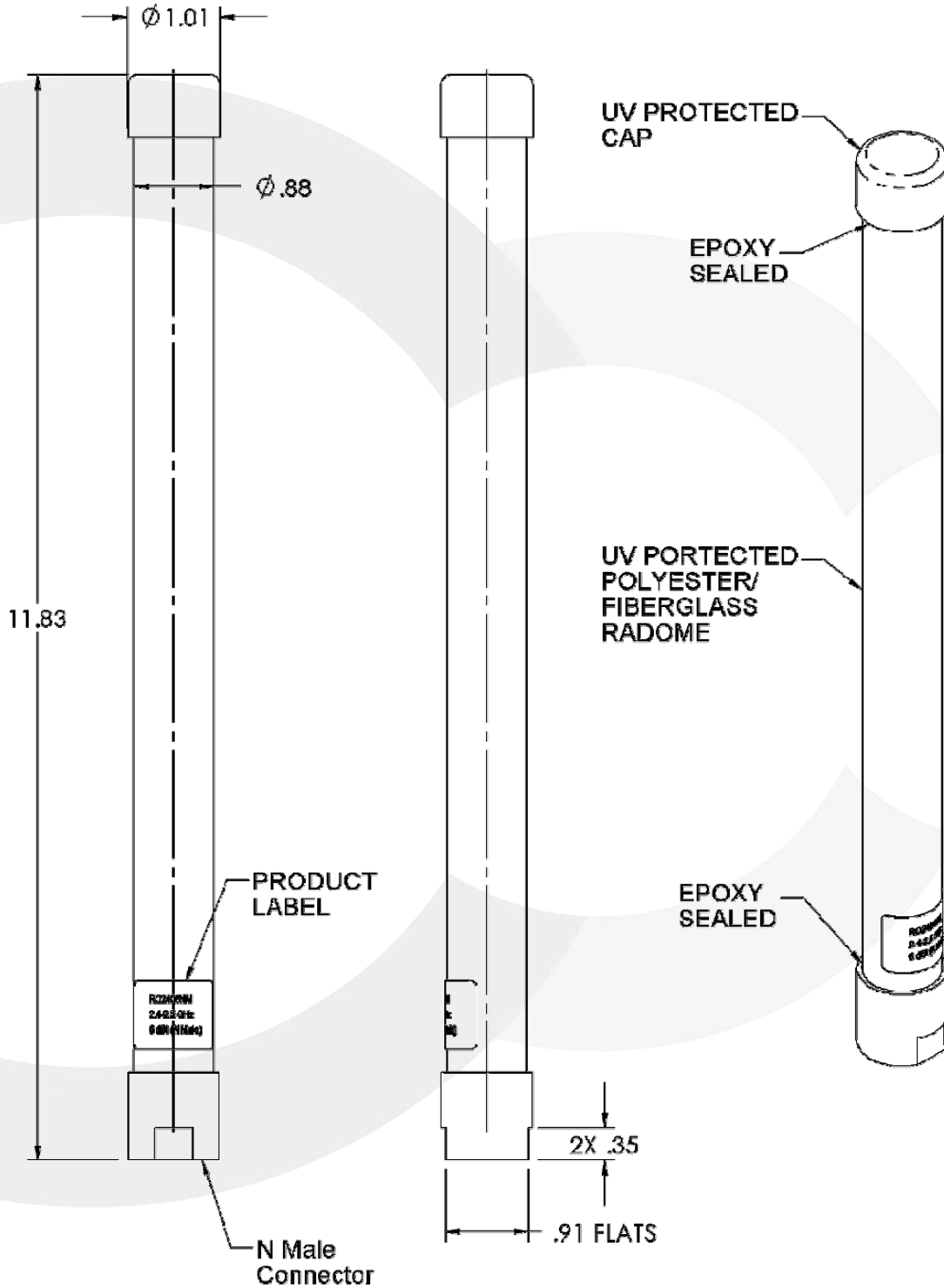
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**OMNIDIRECTIONAL ANTENNA**

**2400-2500 MHz – 6 dBi**

**RO2406NM**

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**

**RO2406NM**

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>
<b>Radiation Pattern</b>	
<b>-3 dB beamwidth</b>	
Horizontal Plane :	<b>Omni</b>
Vertical Plane :	<b>28 ° ± .5 °</b>
<b>Cross Polarization level</b>	
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 Male</b>

**MECHANICAL SPECIFICATIONS**

Radome : .....	<b>Pultruded Fiberglass, UV-Protected</b>
Plastic cap : .....	<b>Acrylonitrile Styrene Acrylate (ASA) 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>5.5 oz</b>
Wind-loading : .....	<b>150 Mph</b>
Side-loading @ 1ft : .....	<b>30 lbs</b>
Vertical Pull : .....	<b>100 lbs</b>
Overall length : .....	<b>11.83 INCHES</b>

**OMNIDIRECTIONAL ANTENNA**

**2400-2500 MHz – 6 dBi**

**RO2406NM**

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**

**OMNIDIRECTIONAL ANTENNA**

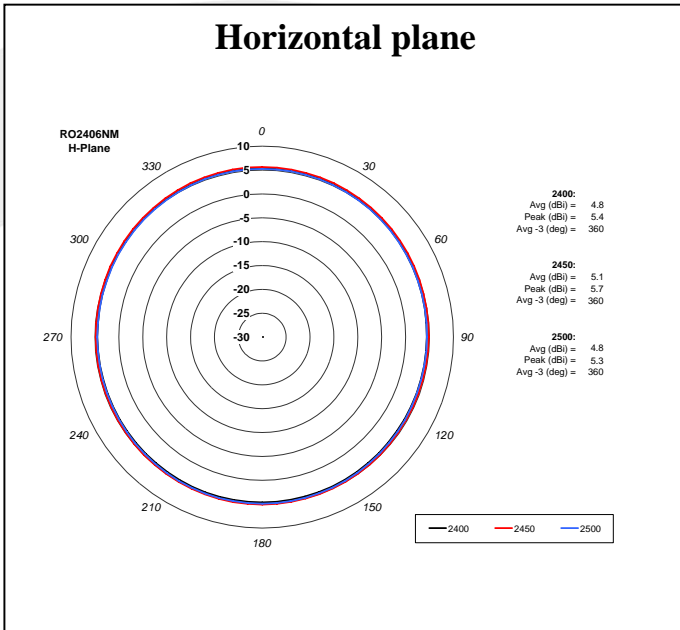
**2400-2500 MHz – 6 dBi**

**RO2406NM**

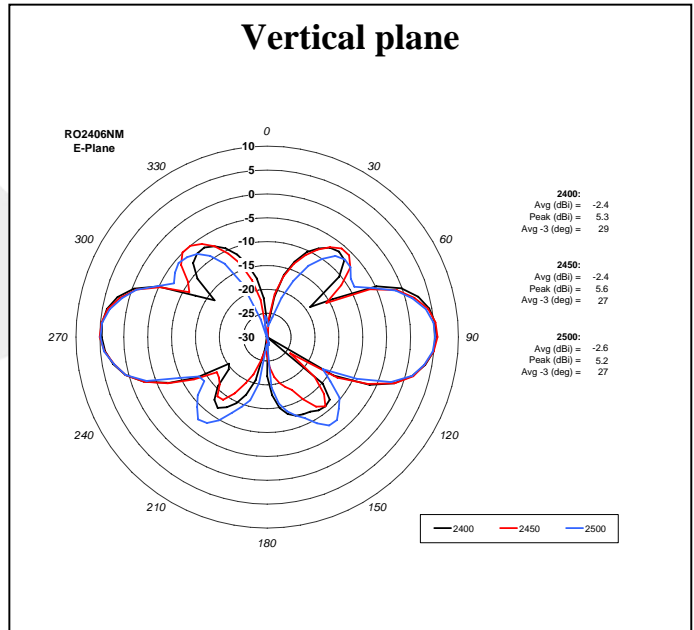
Series : ANTENNA

**CURVES**

**Horizontal plane**

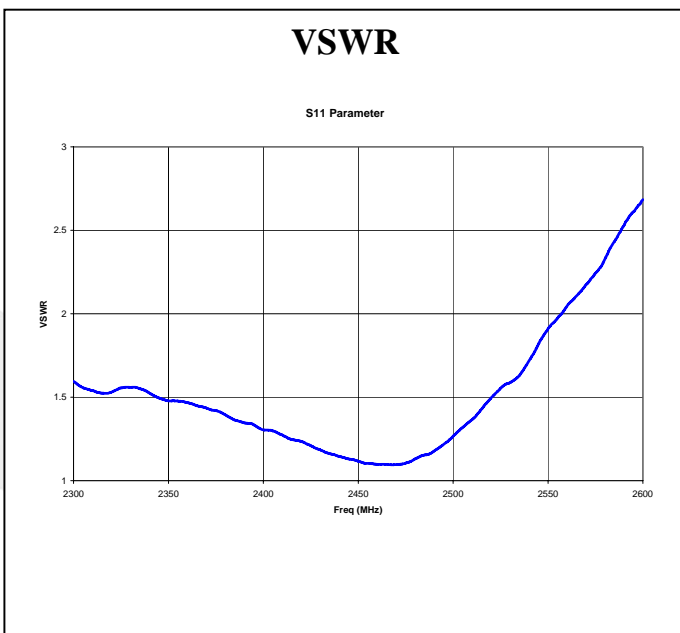


**Vertical plane**



**VSWR**

S11 Parameter



Issue : 0843

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

