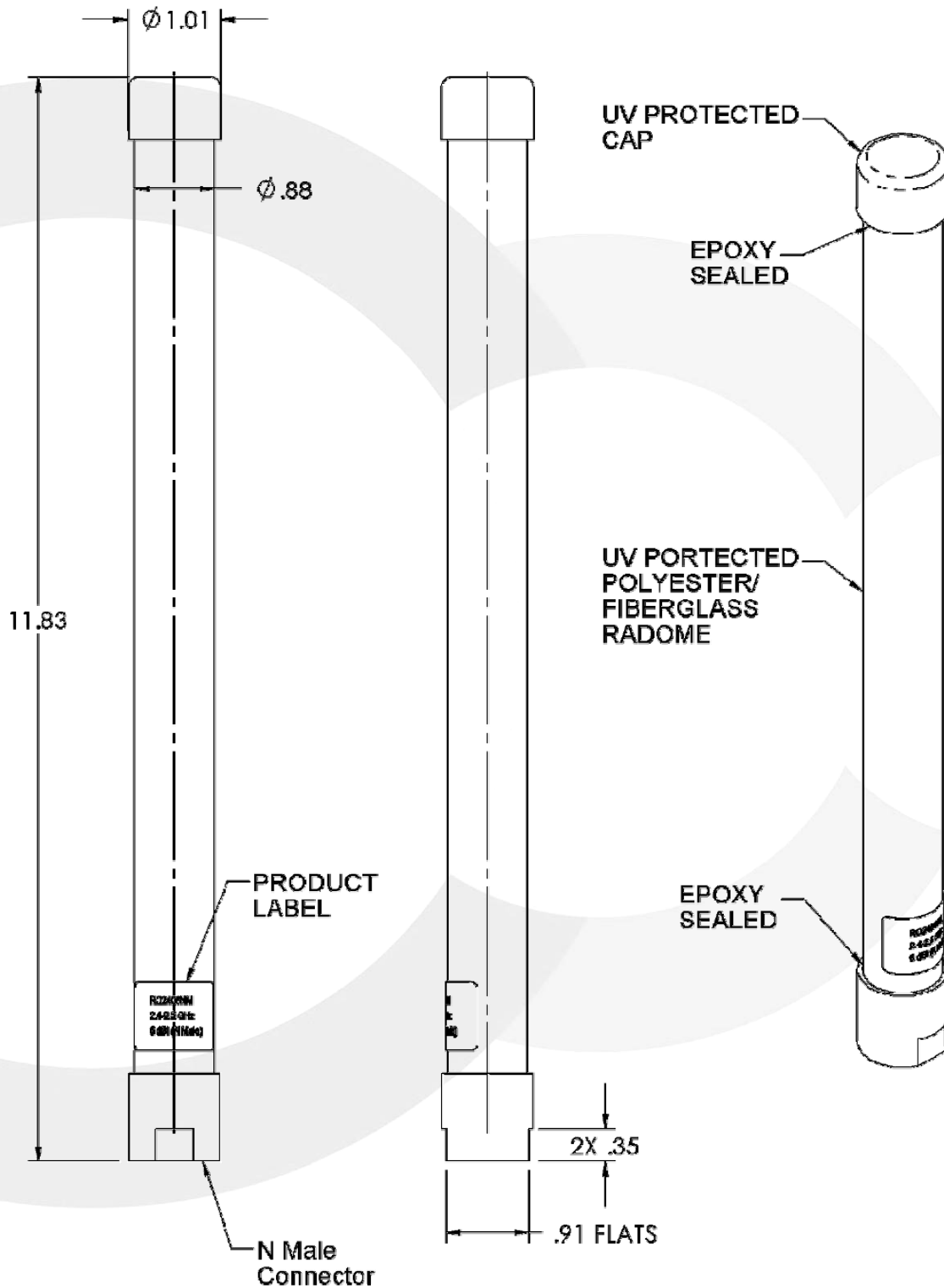


OMNIDIRECTIONAL ANTENNA

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 :..... | 2400-2500 MHz |
| Nominal Impedance :..... | 50 Ω |
| VSWR :..... | 2:1 Max |
| Gain :..... | 6 dBi |
| Radiation Pattern | |
| -3 dB beamwidth | |
| Horizontal Plane : | Omni |
| Vertical Plane : | 28 ° ± .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-N°. 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 : | 11.83 INCHES |

OMNIDIRECTIONAL ANTENNA

2400-2500 MHz – 6 dBi

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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

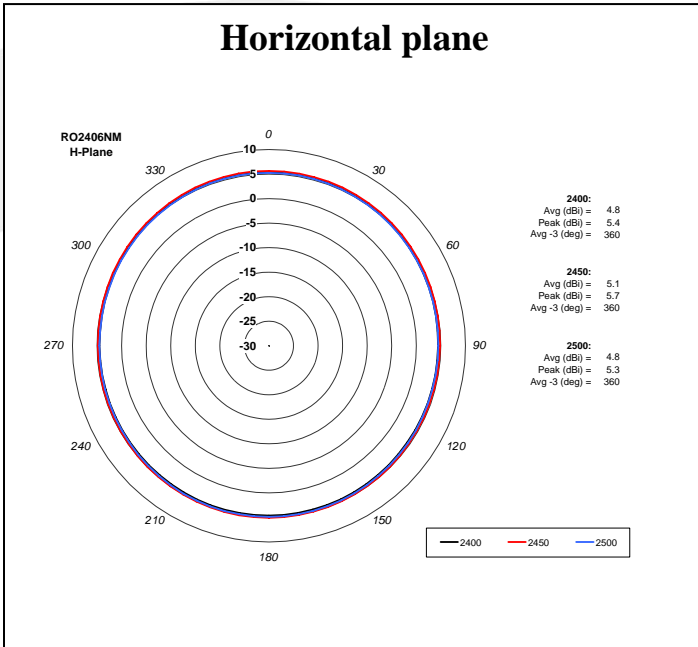
2400-2500 MHz – 6 dBi

RO2406NM

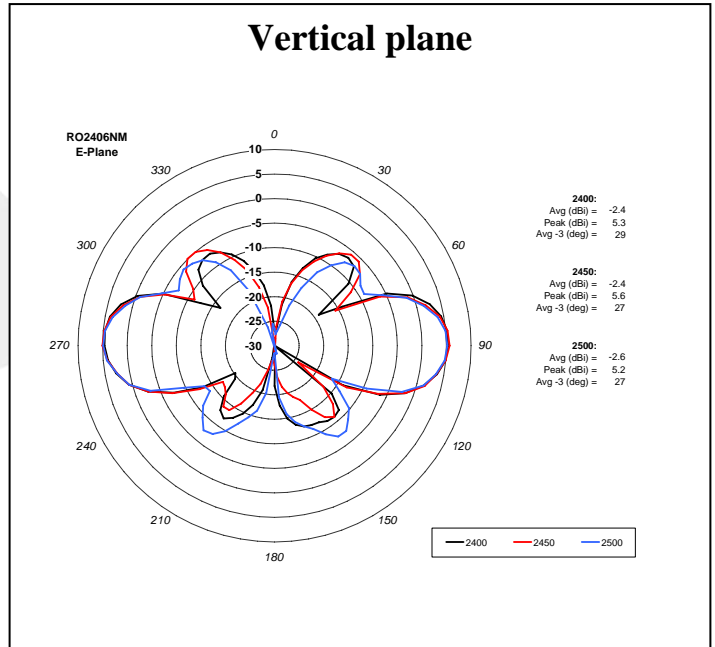
Series : ANTENNA

CURVES

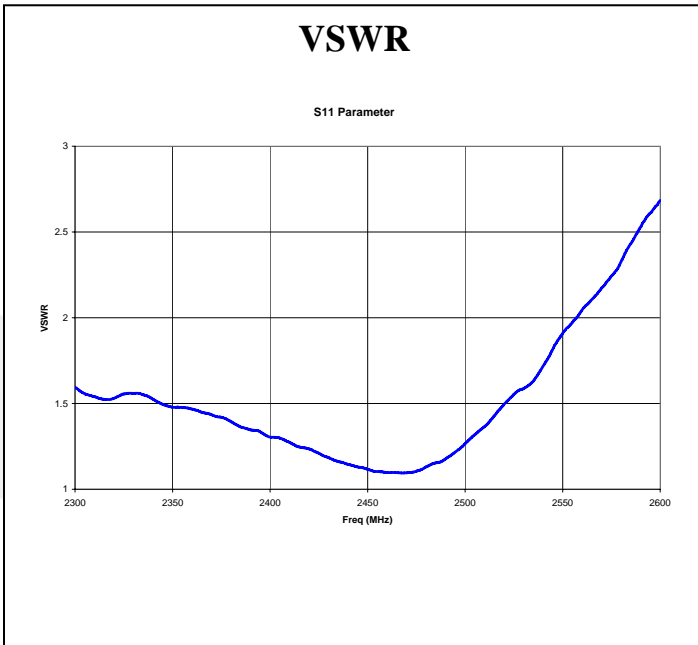
Horizontal plane



Vertical plane



VSWR



Issue : 0843

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