

Excellent Integrated System Limited

Stocking Distributor

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

[Pulse Electronics Corporation](#)
[RO2408NF](#)

For any questions, you can email us directly:

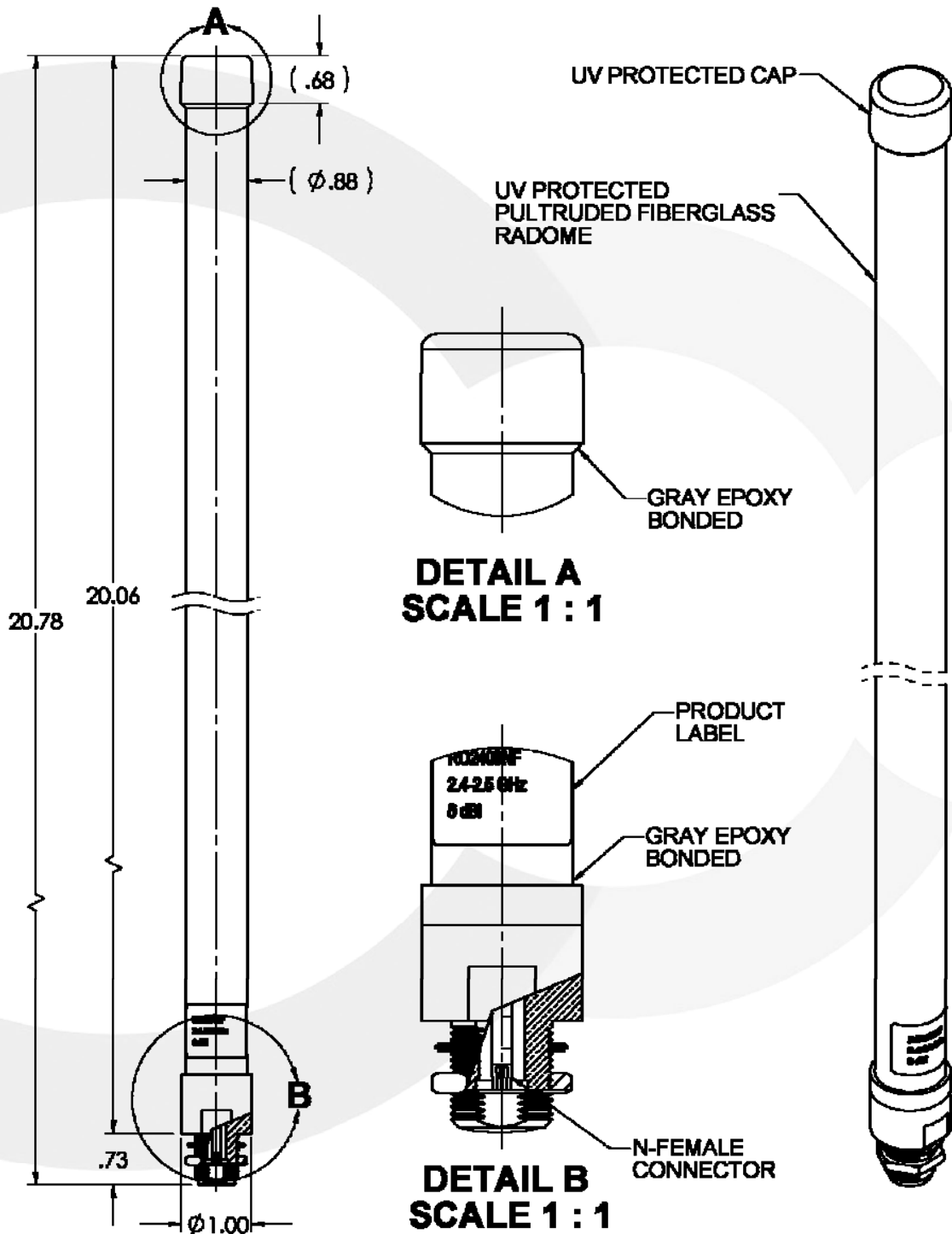
sales@integrated-circuit.com

2400-2500 MHz RADOME OMNI – 8 dBi

OMNIDIRECTIONAL ANTENNA

RO2408NF

Series : ANTENNA



All dimensions are in inches

Issue : 0825

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

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ELECTRICAL SPECIFICATIONS

Frequency :.....	2400-2500 MHz
Nominal Impedance :.....	50 Ω
VSWR :.....	2:1 Max
Gain :.....	8 dBi
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane :	Omni
Vertical Plane :	14 ° ± .5 °
Cross Polarization level	
Horizontal Plane :	>23 dB
Vertical Plane :	>23 dB
Polarization :.....	VERTICAL
Power withstanding :.....	20 W
Connector type :.....	N Female

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 :.....	6.7 oz
Wind-loading :	150 Mph
Side-loading @ 1ft :.....	30 lbs
Vertical Pull :	100 lbs
Overall length :	20.8 INCHES

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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

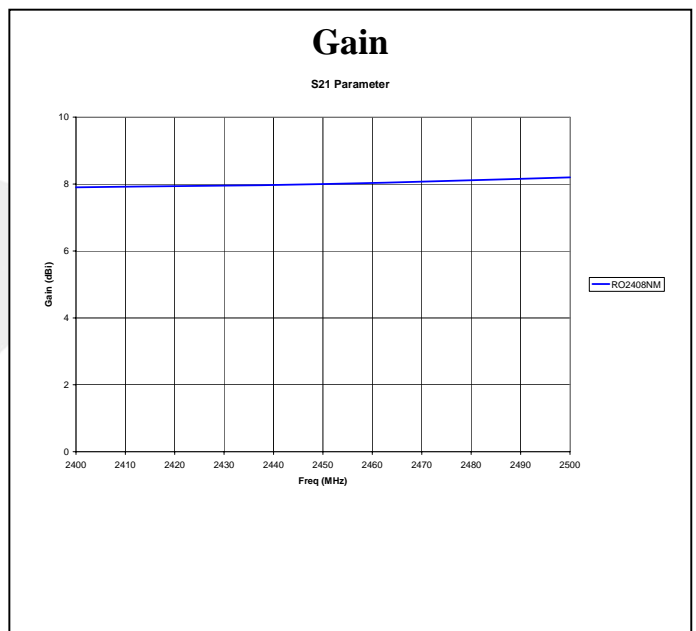
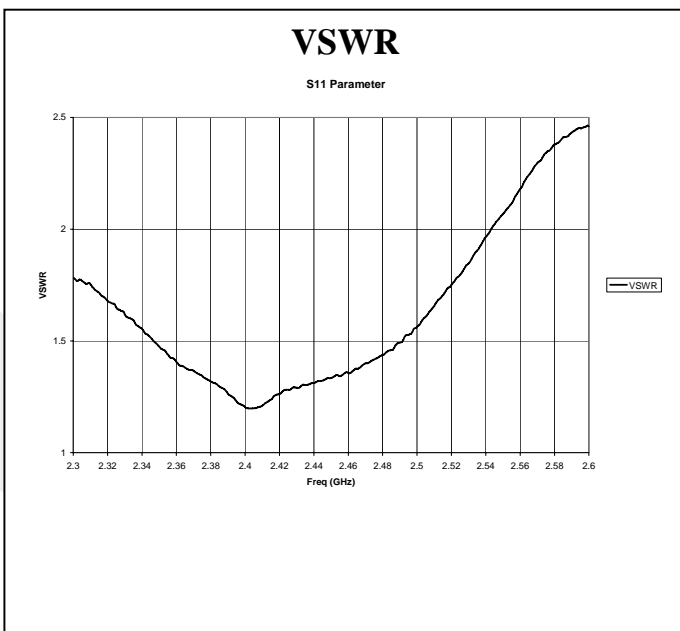
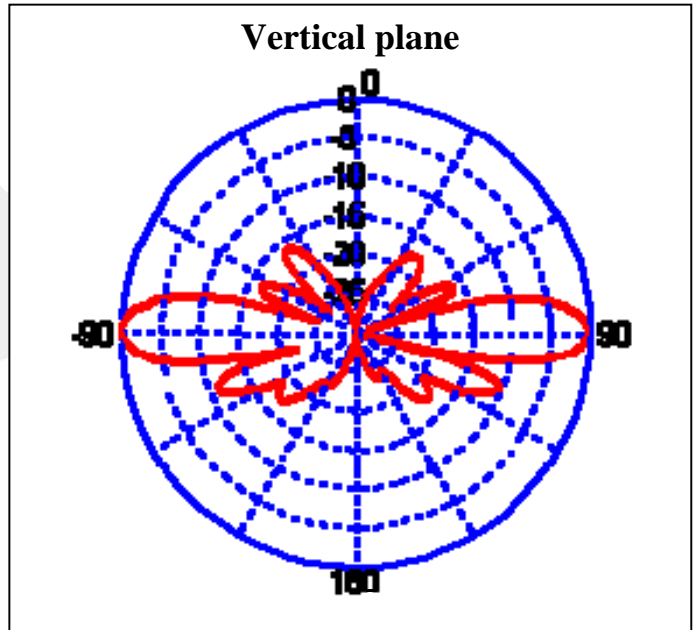
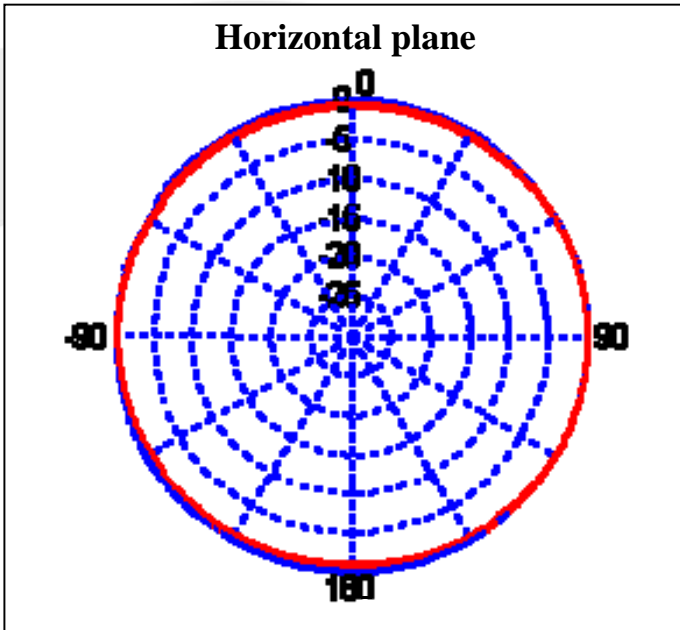
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CURVES



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