

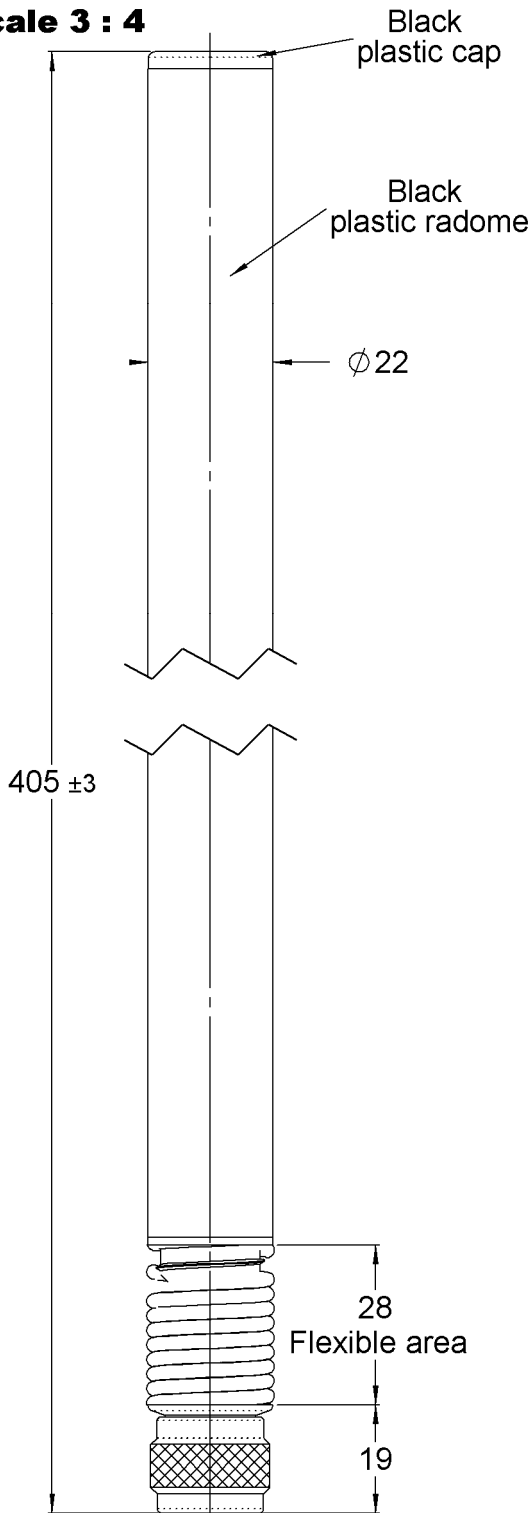
SPRING MOUNTED RADOME OMNI ANTENNA

R380.500.232

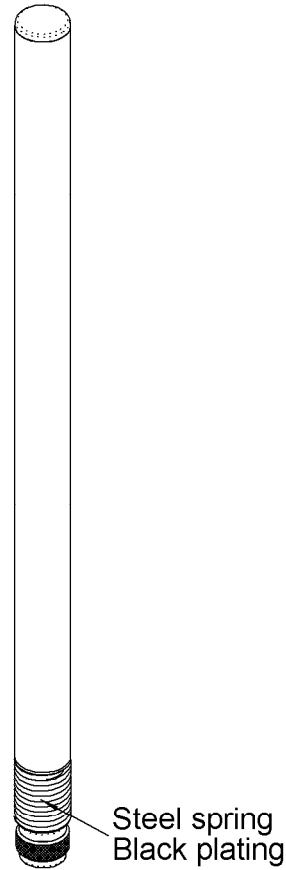
2.4-2.5 GHZ - 6 DBI

Series : ANTENNA

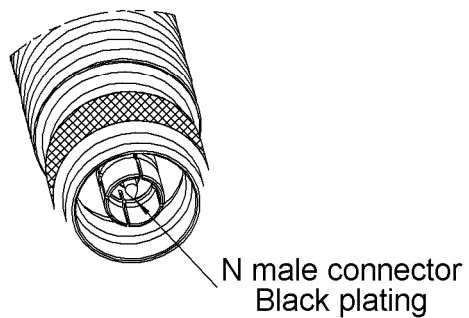
Scale 3 : 4



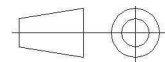
Scale 1 : 3



Scale 1 : 1



All dimensions are in mm



Issue : 1010 A

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



SPRING MOUNTED RADOME OMNI ANTENNA**2.4-2.5 GHZ - 6 DBI****R380.500.232**

Series : ANTENNA

ELECTRICAL CHARACTERISTICS

Frequency :	2.4-2.5 GHz
Nominal Impedance :	50 Ω
VSWR :	2:1 Max
Peak Gain (Total field) :	6 ±0.5 dBi
Azimuth Ripple :	±0.75 dB max
Side Lobe Level :	-10 dB
Polarization :	LINEAR VERTICAL (main)
Power withstanding :	2 W

Issue : 1010 A

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

RADIAL 

SPRING MOUNTED RADOME OMNI ANTENNA**R380.500.232****2.4-2.5 GHZ - 6 DBI**Series : **ANTENNA****MECHANICAL CHARACTERISTICS**

Product in Conformity with the ROHS (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment) requirements

Connector type :

N male

Weight :

310 g

Operating temperature :

-40/+70 ° C

Storage temperature :

-40/+70 ° C

Dimensions :

Overall antenna height :

405 mm

Antenna diameter :

22 mm

Spring height (Flexible area) :

28 mm

Connector height :

19 mm

Material:

Radome :

**Acrylonitrile Styrene
Acrylate (ASA)**

Radome Color :

BLACK RAL 9005

Spring:

STEEL

Connector and spring Color :

BLACK PLATING**Issue : 1010 A**

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

RADIALL 

SPRING MOUNTED RADOME OMNI ANTENNA

2.4-2.5 GHz - 6 DBI

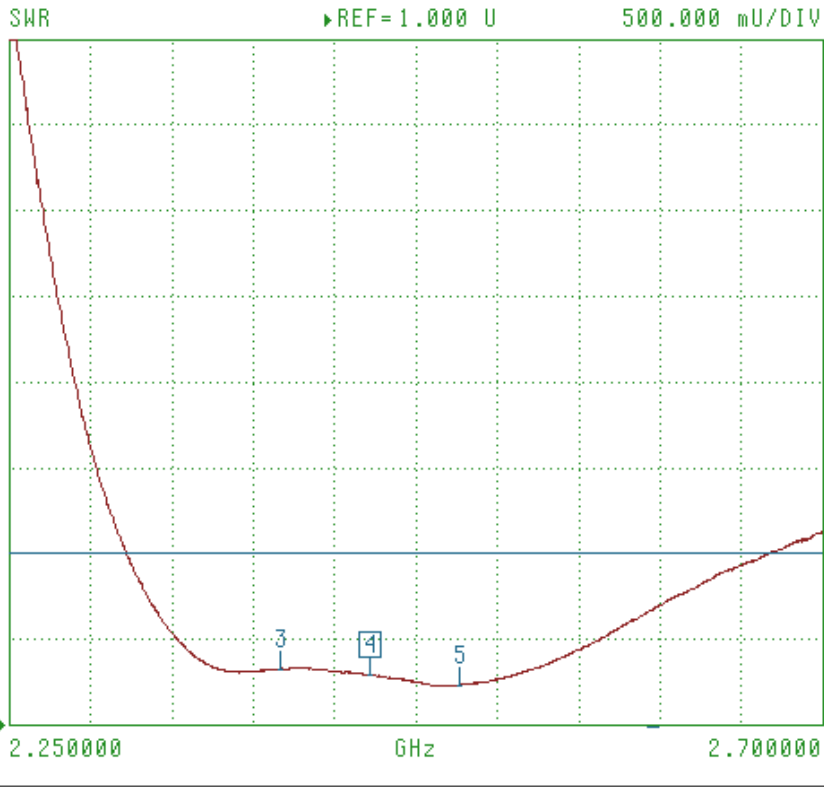
R380.500.232

Series : ANTENNA

CURVES

VSWR measurements

S22 REVERSE REFLECTION



CH 4 - S22
REFERENCE PLANE
0.0000 mm

MARKER 4
2.449875 GHz
1.290 U

MARKER TO MAX
MARKER TO MIN

3 2.400000 GHz
1.324 U

5 2.500125 GHz
1.230 U

MARKER READOUT
FUNCTIONS

Issue : 1010 A

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



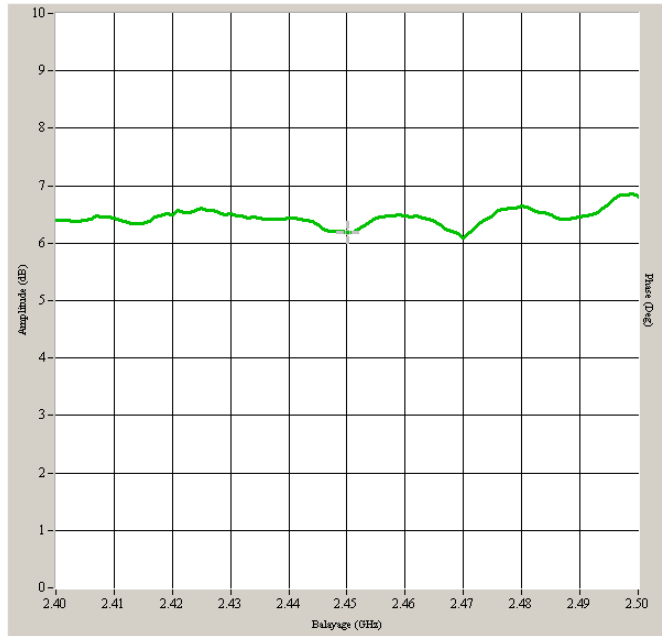
SPRING MOUNTED RADOME OMNI ANTENNA

R380.500.232

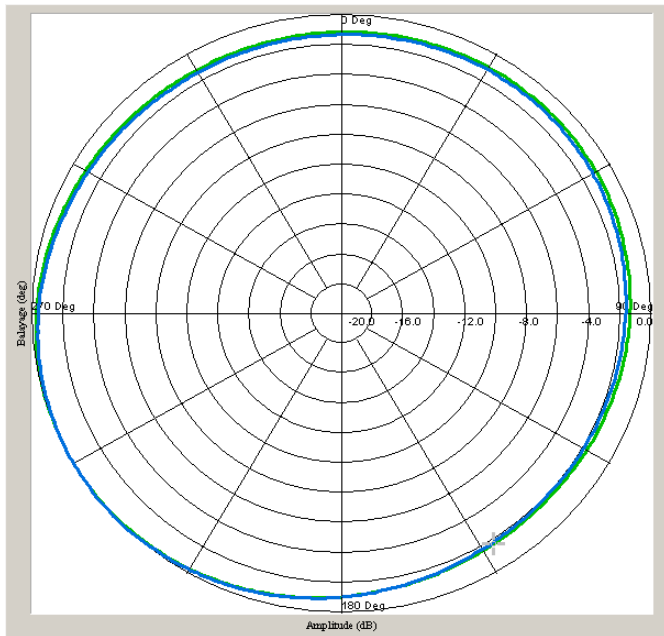
2.4-2.5 GHz - 6 DBI

Series : ANTENNA

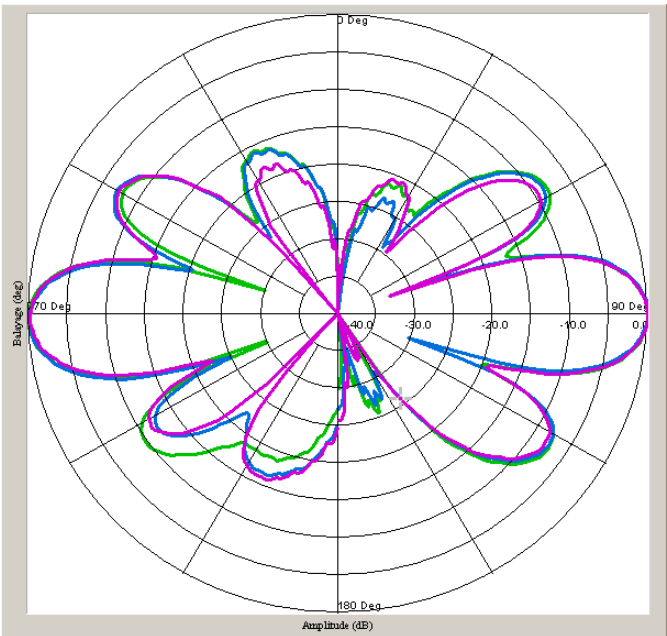
Radiation pattern measurements



2.4-2.5 GHz Dipolar Plane Gain



2.4-2.5 GHz Omni-directional Plane



2.4-2.5 GHz Dipolar Plane

Issue : 1010 A

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Radial:](#)

[R380500232](#)