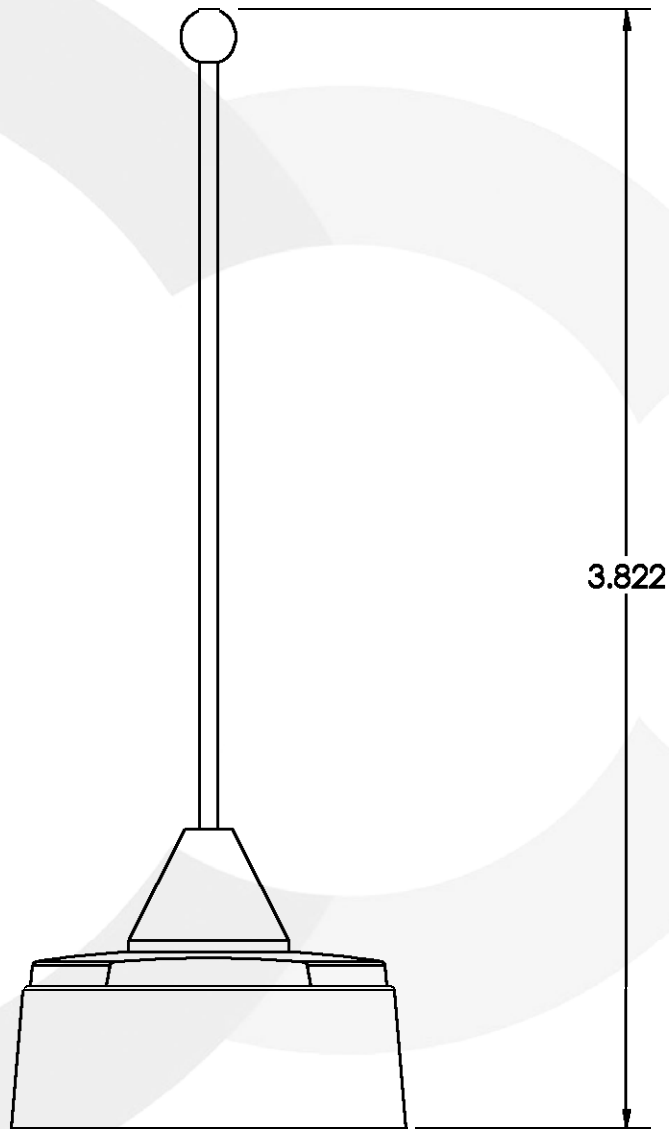


740 to 806 MHz $\frac{1}{4}$ Wave NMO antenna

NMOQW700

Series : ANTENNA



All dimensions are in inches

Issue : 0710

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



740 to 806 MHz ¼ Wave NMO antenna**NMOQW700**

Series : ANTENNA

ELECTRICAL CHARACTERISTICS

Frequency :.....	740 - 806 MHz
Nominal Impedance :.....	50 Ω
VSWR :.....	1.5 : 1 Typical
Gain (@ 0° elevation) :.....	0 dBi ± 1 dB
Gain (@ 35° elevation) :.....	3.5 dBi ± 1 dB
Radiation Pattern	
Horizontal Plane :	Omni-directional
Vertical Plane :	90 ° ± 10 °
Undulation Ratio	
Horizontal Plane :	+/- 1 dB
Polarization :	Vertical
Power withstanding :.....	200 W
Connector type :	NMO

MECHANICAL CHARACTERISTICS

Color :.....	Chrome
Weight :.....	45 g
Overall length :	3.822 INCHES
Base diameter :	1.5 INCHES
Fixing system :	NMO MOUNT
Roof Thickness	.03” to 0.1”

Issue : 0710

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740 to 806 MHz ¼ Wave NMO antenna

NMOQW700

Series : ANTENNA

ENVIRONMENTAL CHARACTERISTICS

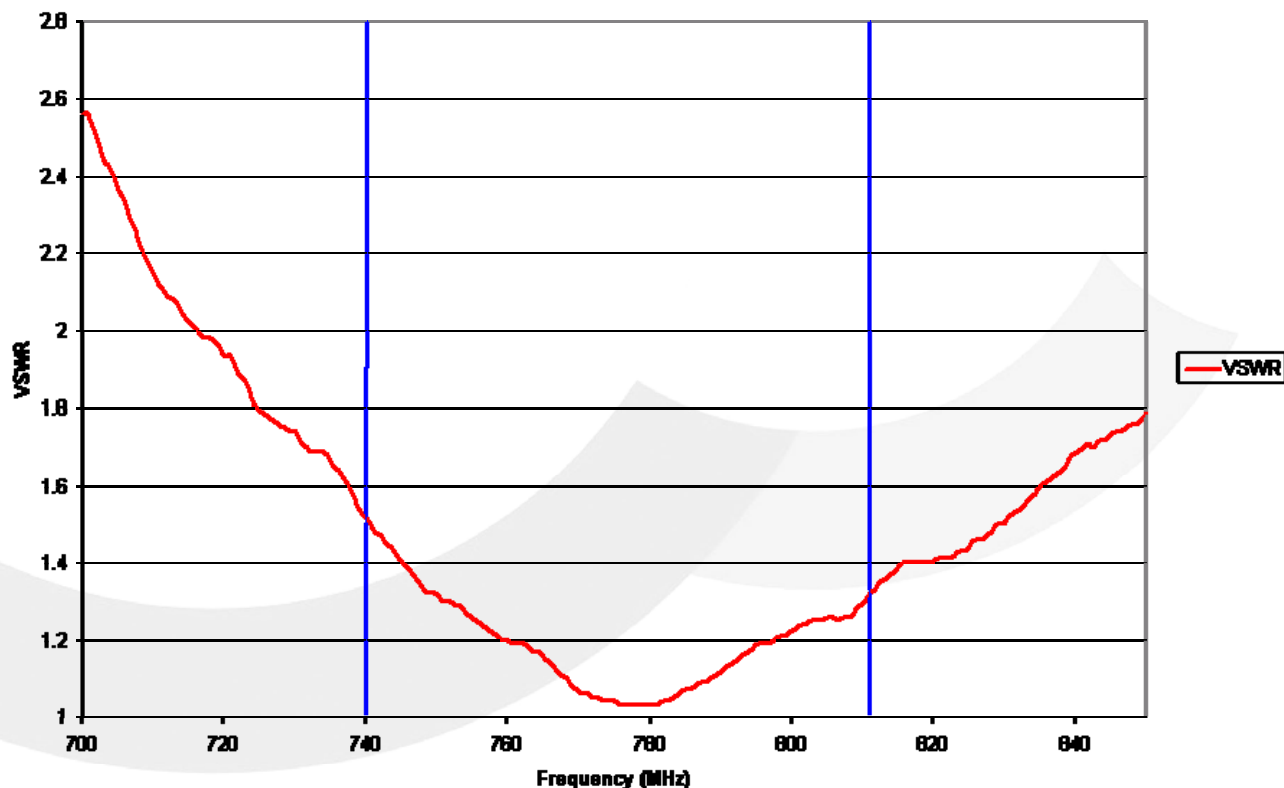
Operating temperature :.....

-40 to +70 ° C

OTHERS CHARACTERISTICS

CURVES

VSWR



Issue : 0710

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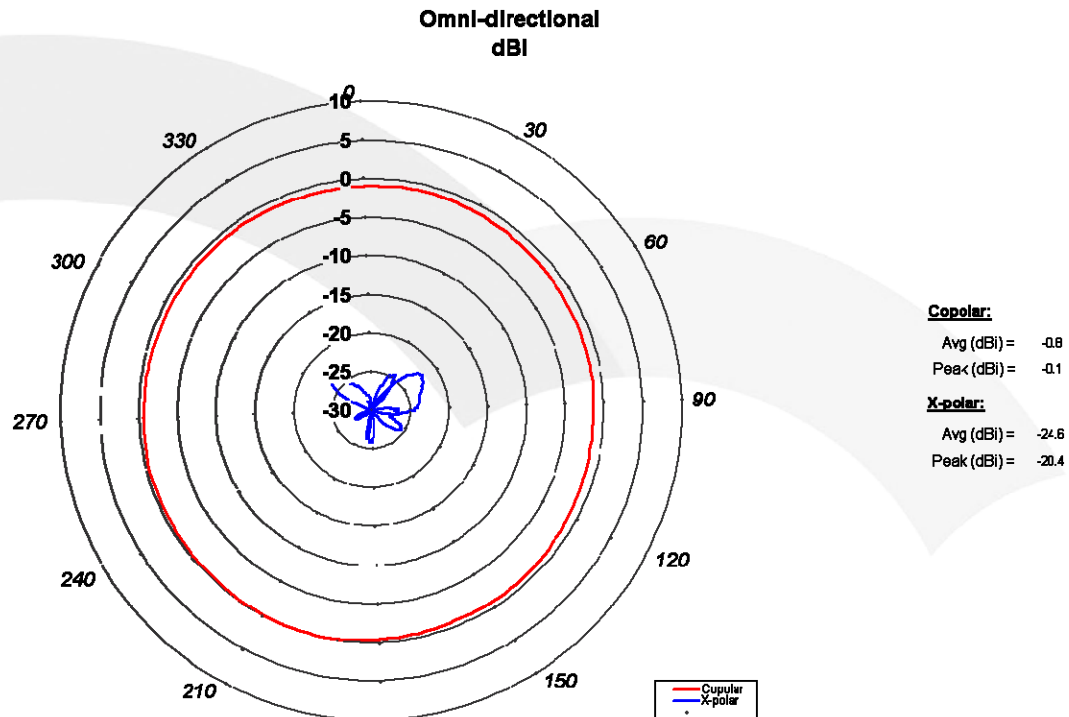


740 to 806 MHz ¼ Wave NMO antenna

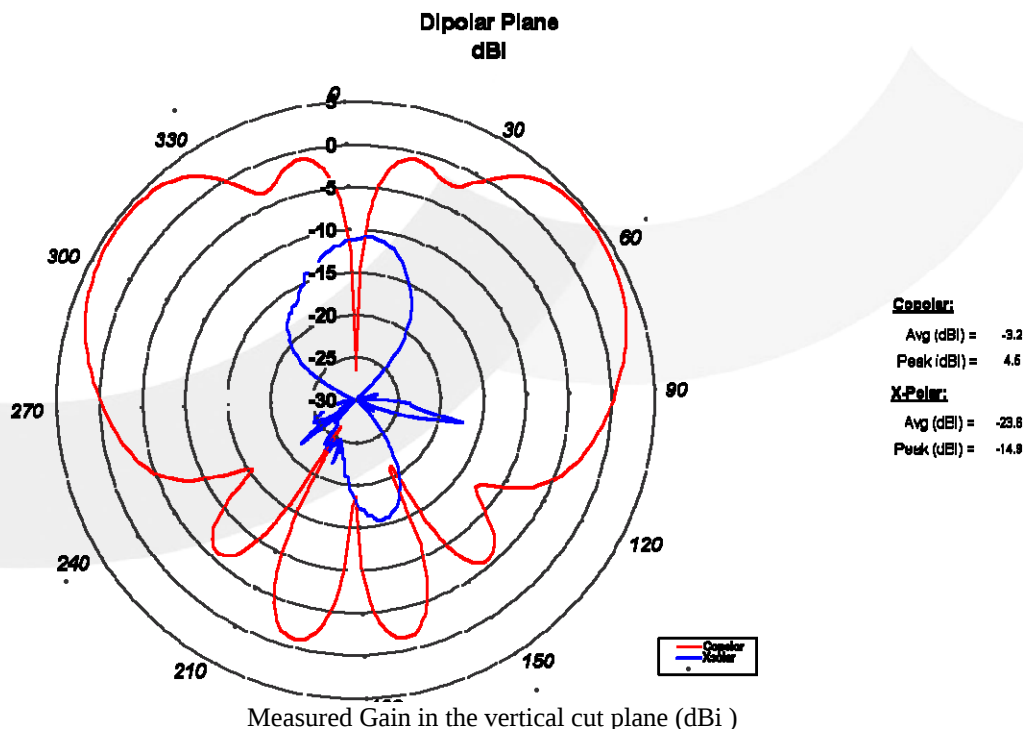
NMOQW700

Series : ANTENNA

Circular ground plane (Diameter = 40 inches) at 773 Mhz



Measured Gain in the Horizontal cut plane (dBi)



Issue : 0710

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

