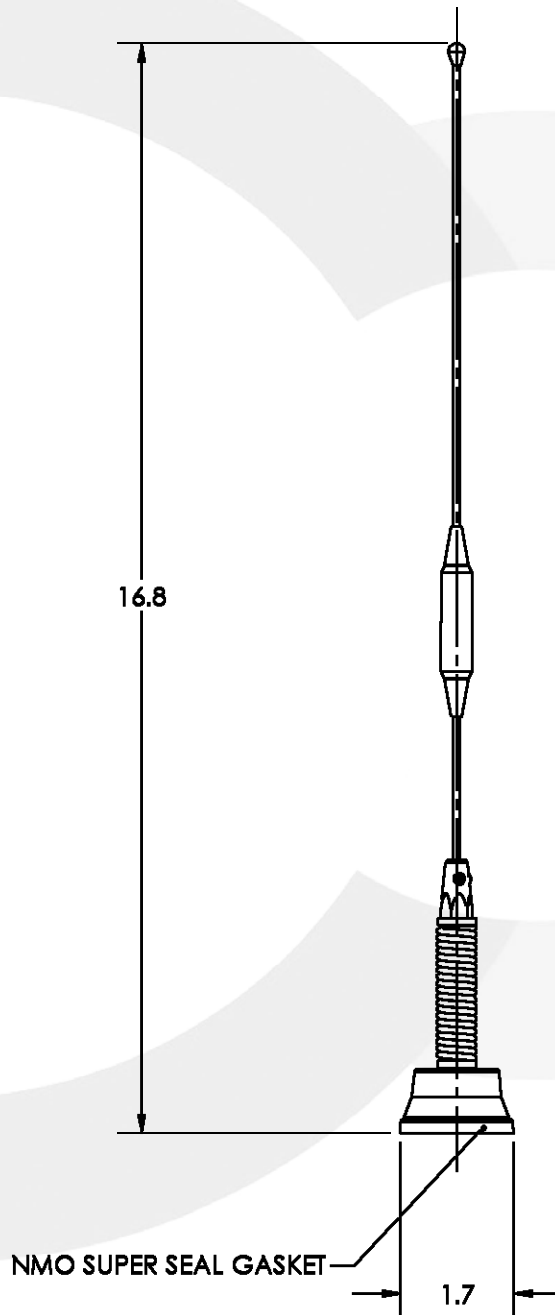


740 to 806 MHz colinear whip antenna

NMO700

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 colinear whip antenna
NMO700

Series : ANTENNA

ELECTRICAL SPECIFICATIONS

Frequency :.....	740 - 806 MHz
Nominal Impedance :.....	50 Ω
VSWR :.....	2.0 : 1 Typical
Gain (@ 0° elevation) :.....	4 dBi $\pm$ 1 dB
Gain (@ 15° elevation) :.....	5 dBi $\pm$ 1 dB
Radiation Pattern	
Horizontal Plane :	Omni-directional
Vertical Plane :	65 ° $\pm$ 10 °
Undulation Ratio	
Horizontal Plane :	+/- 1 dB
Polarization :	Vertical
Power withstanding :.....	200 W
Connector type :	NMO

MECHANICAL SPECIFICATIONS

Color :.....	Chrome and black
Weight :.....	140 g
Overall length :	16.8 INCHES
Base diameter :	1.7 INCHES
Fixing system :	NMO MOUNT
Roof Thickness	.03" to 0.1"

Issue : 0710

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740 to 806 MHz colinear whip antenna
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ENVIRONMENTAL SPECIFICATIONS

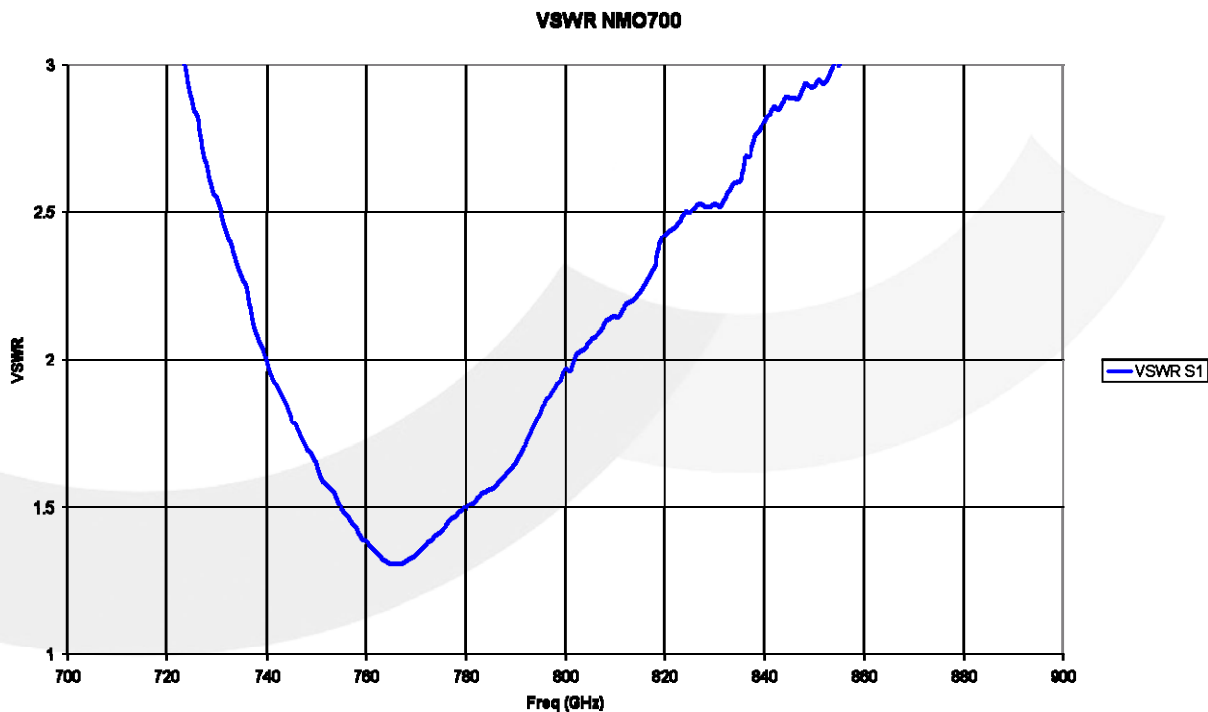
Operating temperature :.....

-40 to +70 ° C

OTHERS SPECIFICATIONS

The VSWR of this antenna could vary in function of the vehicle and in function of its implementation on the vehicle. Nevertheless, with 17 feet of cable the VSWR < 2.0:1 will be respected in all different type of settings

CURVES



Issue : 0710

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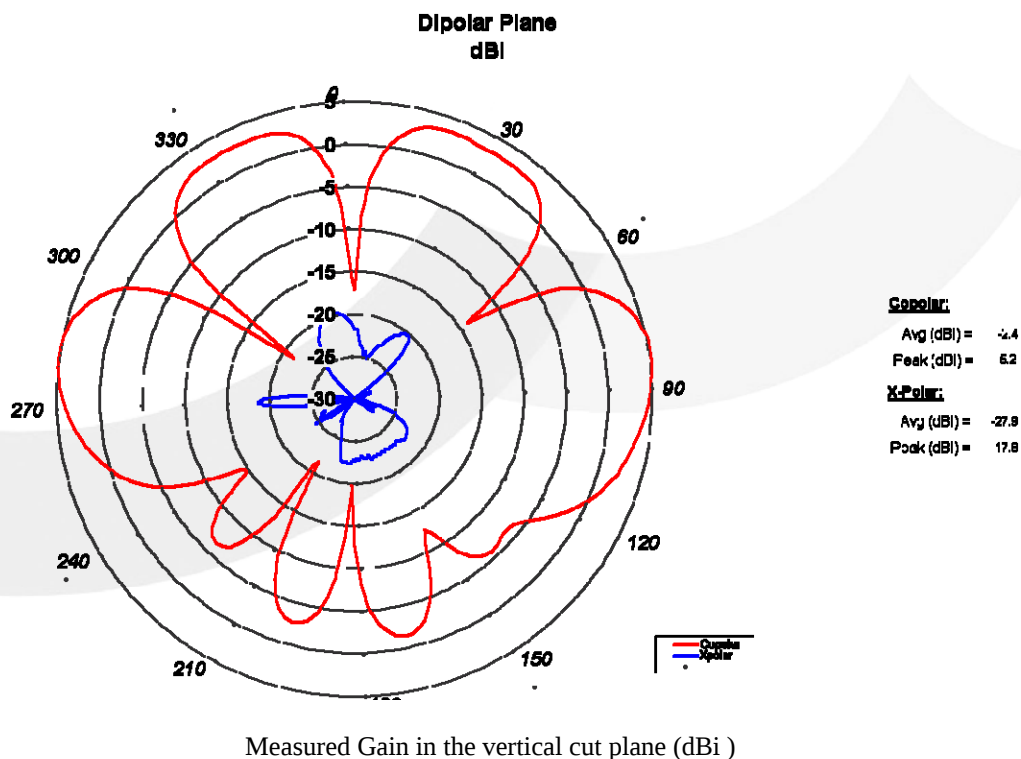
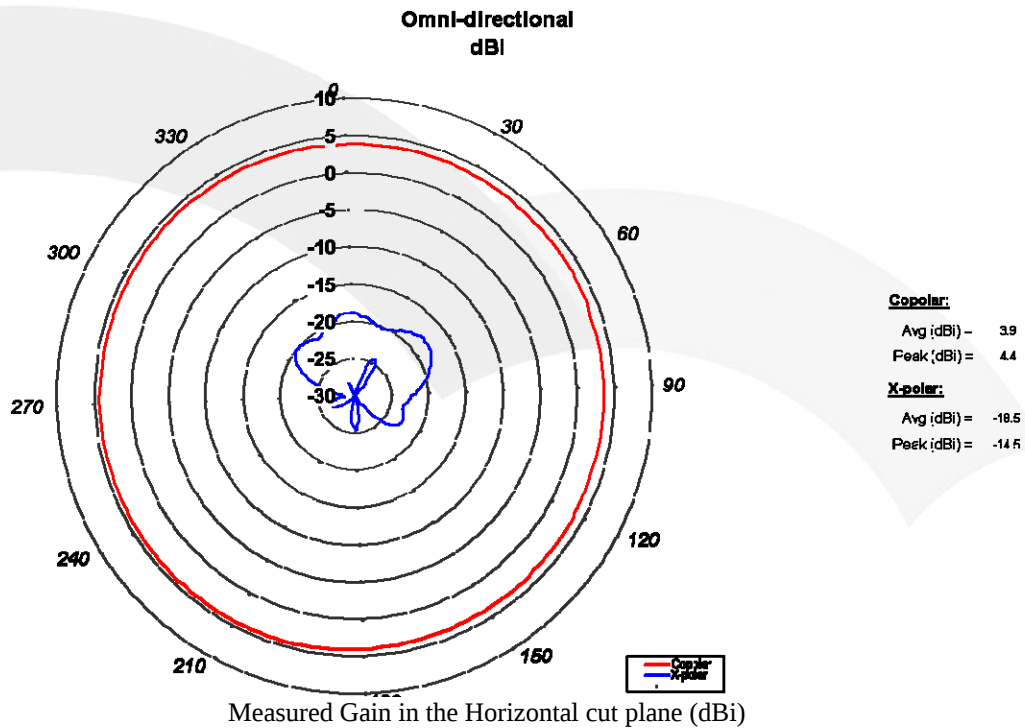


740 to 806 MHz colinear whip antenna

NMO700

Series : ANTENNA

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



Issue : 0710

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