



# APM CO., LTD

## APG-2412CP

### Directional Panel Antenna for 2.4 ~2.5 GHz

#### Electrical Specification:

Frequency	2.4 ~ 2.5 GHz
Part Number	APG-2412CP
Polarization	CP
V.S.W.R.	1 : 1.5 Max
Impedance	50 OHMS $\pm$ 5 $\Omega$
Gain	12 dBi
Power handling	10W Max
Front to back ratio	20dB
HPBW / horizontal	70°
HPBW / vertical	30°

#### MECHANICAL SPECIFICATION

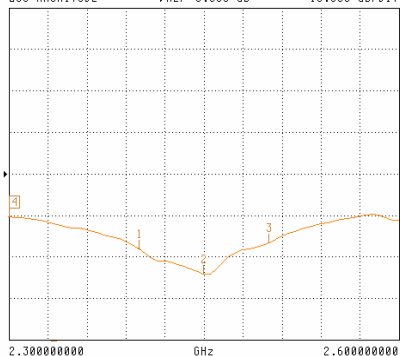
Connector Type	N Type Female
Length	215x90x30mm
Weight	510g
Radome color	White
Radome material	PVC and ABS



#### H-PLANE FIELD PATTERNS

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



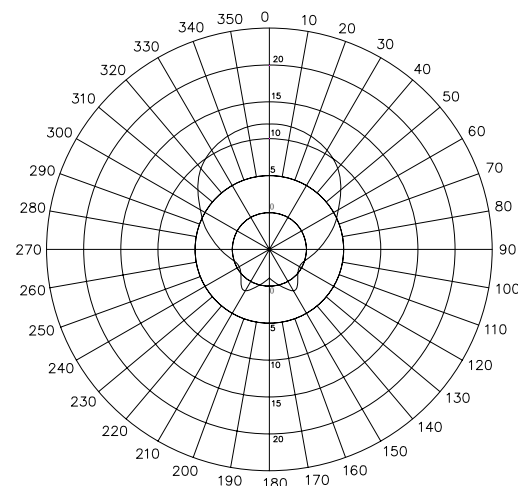
CH 1 - S11  
REFERENCE PLANE  
0.0000 mm

MARKER 4  
2.300000000 GHz  
-10.331 dB

MARKER TO MAX  
MARKER TO MIN

1 2.400000000 GHz  
-18.163 dB  
2 2.450000000 GHz  
-24.285 dB  
3 2.500000000 GHz  
-16.557 dB

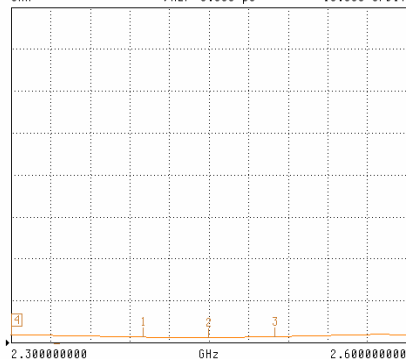
MARKER READOUT  
FUNCTIONS



#### E-PLANE FIELD PATTERNS

S11 FORWARD REFLECTION

SWR REF=0.000 pU 10.000 U/DIV



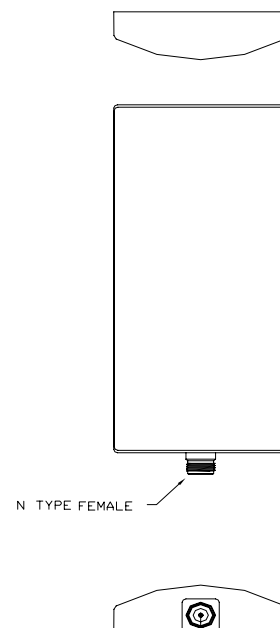
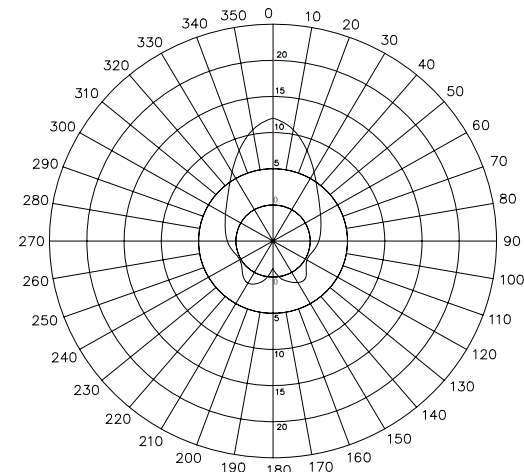
CH 1 - S11  
REFERENCE PLANE  
0.0000 mm

MARKER 4  
2.300000000 GHz  
1.879 U

MARKER TO MAX  
MARKER TO MIN

1 2.400000000 GHz  
1.282 U  
2 2.450000000 GHz  
1.131 U  
3 2.500000000 GHz  
1.348 U

MARKER READOUT  
FUNCTIONS



## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>