



Antenna Specifications:

Frequencies: 2400 Mhz Band (ISM)
1575 ±2 Mhz (GPS Band)
PCS Gain: 2.5 dBi
GPS Gain: 26 dB active Amplifier
5 dBi Antenna
Radome Material: White ABS Plastic
Nominal Impedance: 50 OHM
Maximum Power: 10 Watts
Connector: SMA Plug (ISM)
Rev SMA Plug (GPS)
VSWR: 2:1 max over all bands
Mount: 3/4" threads for up to 3/8" thick metal
Cable: 15 ft. RF-195 (ISM)
15 ft. RG-174 (GPS)
Temperature: -40C to +85C
Electrical: Dual 3.3/5 voltj 20 mA max
Vendor Reference: Mobile Mark P/N
DM2-2400/1575 EDN216

REVISION RECORD			
REV	ECO	DESCRIPTION	DRT CHD
A	4725	RELEASED FOR PRODUCTION	DGP CM
B	18573	Radome height & diameter	DGP CM
C	18580	Add stud length spec	DGP CM

DESIGN REF

78-8125-0470-3

DETACHED LISTS

MM(INCH)

25.4MM=1 INCH

TOLERANCES EXCEPT AS NOTED

0 ONE INCHES

0 TWO INCHES

0 THREE INCHES

0 FOUR INCHES

0 FIVE INCHES

0 SIX INCHES

0 SEVEN INCHES

0 EIGHT INCHES

0 NINE INCHES

0 TEN INCHES

0 ELEVEN INCHES

0 TWELVE INCHES

0 THIRTEEN INCHES

0 FOURTEEN INCHES

0 FIFTEEN INCHES

0 SIXTEEN INCHES

0 SEVENTEEN INCHES

0 EIGHTEEN INCHES

0 NINETEEN INCHES

0 TWENTY INCHES

0 TWENTY ONE INCHES

0 TWENTY TWO INCHES

0 TWENTY THREE INCHES

0 TWENTY FOUR INCHES

0 TWENTY FIVE INCHES

0 TWENTY SIX INCHES

0 TWENTY SEVEN INCHES

0 TWENTY EIGHT INCHES

0 TWENTY NINE INCHES

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0 NINETY FIVE INCHES

0 NINETY SIX INCHES

0 NINETY SEVEN INCHES

0 NINETY EIGHT INCHES

0 NINETY NINE INCHES

0 HUNDRED INCHES

ANGLES

0 ONE

0 TWO

0 THREE

0 FOUR

0 FIVE

0 SIX

0 SEVEN

0 EIGHT

0 NINE

0 TEN

0 ELEVEN

0 TWELVE

0 THIRTEEN

0 FOURTEEN

0 FIFTEEN

0 SIXTEEN

0 SEVENTEEN

0 EIGHTEEN

0 NINETEEN

0 TWENTY

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0 NINETY TWO

0 NINETY THREE

0 NINETY FOUR

0 NINETY FIVE

0 NINETY SIX

0 NINETY SEVEN

0 NINETY EIGHT

0 NINETY NINE

0 HUNDRED

MATERIAL:

FINISH:

INTERPRET PER ANSI Y14.5-1982

THIRD ANGLE PROJECTION

FSM NO.

SIZE

DRAWING NO.

78-8118-6907-8

DO NOT SCALE DRAWING

DET LISTS

YES

NO

SHT

1

OF

1

REV

C

TITLE

Antenna, RF & GPS

Global Traffic Technologies

55128

DIVISION

TCM

MODEL

1010

DIVISION CODE

060-B

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