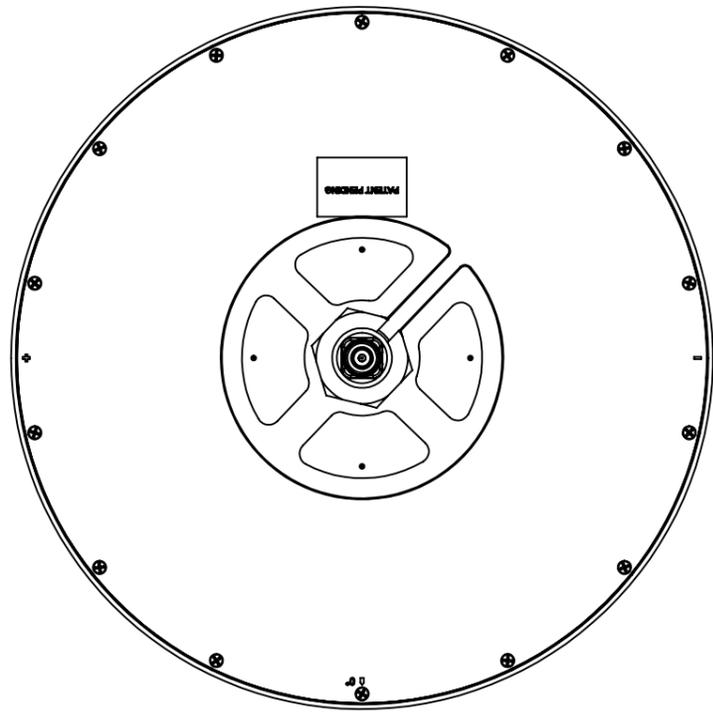
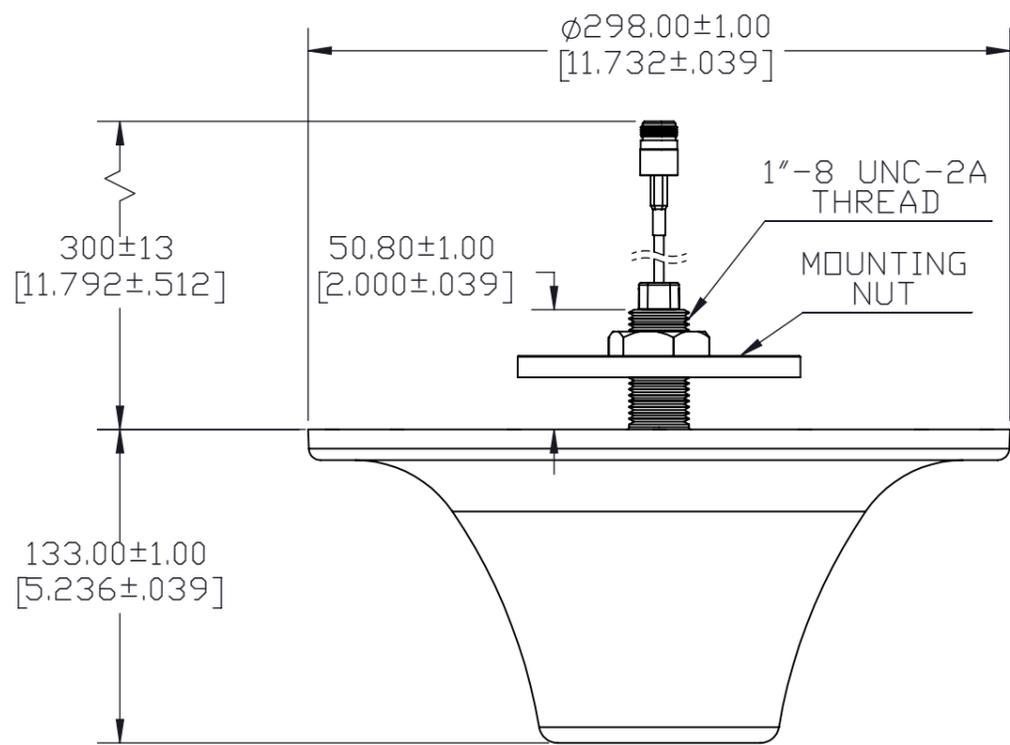


REVISIONS

REV	DESCRIPTION	DATE	DWN	APVD
F02	(ECN-IAS-04410) CHGD CHART, FREQ 6 OUT 8 AND CHGD ALL GAIN VALUES AND ADDED ANOTHER GAIN ROW. (LAIRD TECHNOLOGIES)	30JUL15	M.L.	H.R
F03	(ECN-IAS-04757) 1390-1435MHZ FREQUENCY WAS 1395-1435MHZ (LAIRD TECHNOLOGIES)	19OCT15	S.J.	H.R
A1	CHANGE TO TE DRAWING FORMAT	28FEB25	KS	HCY



PARAMETER	PERFORMANCE
TE CONNECTIVITY MODEL NUMBER	CMS38606-30NF
FREQUENCY	380-520MHZ
	600-960MHZ
	1390-1435MHZ
	1690-6000MHZ
VSWR 380-520MHZ	3.0:1 MAX
VSWR 600-960,1390-6000MHZ	2.0:1 MAX
MAX GAIN	2.6DBI @ 380-520MHZ
	3.1DBI @ 600-960MHZ
	5.8DBI @ 1390-1435MHZ
	7.3DBI @ 1690-6000MHZ
POLARIZATION	VERTICAL
IMPEDANCE	50Ω
POWER	50W @ AMBIENT TEMP 25°C (77°F)
RF CONNECTOR	TYPE N(F)
RADOME COLOR	WHITE
OPERATING TEMPERATURE	- 30°C TO +70°C
STORAGE TEMPERATURE	- 40°C TO +85°C
WATER/FOREIGN BODY INGRESS	IP-67
ANTENNA WEIGHT	0.8KG (1.76LBS)
FLAMMABILITY	UL94-V0



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCH]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± 0.5
	1 PLC ± 0.25
	2 PLC ± 0.130
	3 PLC ±
	4 PLC ±
ANGLES ± 30'	
MATERIAL N/A	FINISH N/A

DWN KISHORE S	28FEB2025
CHK J.HAGER	05MAR2025
APVD C.HANG	05MAR2025
PRODUCT SPEC	REFER TABLE
APPLICATION SPEC	REFER TABLE
WEIGHT	REFER TABLE
CUSTOMER DRAWING	



NAME			
OMNI, Inclng, 30cm, NF 380-6000MHz, 6dBi,			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	©-CMS38606-30NF	
SCALE 1:3		SHEET 1 OF 2	REV A1

4

3

2

1

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REVISIONS

REV	DESCRIPTION	DATE	DWN	APVD
-	SEE SHEET1	-	-	-

OPTIONAL MOUNTING
ABOVE CEILING MOUNTING
PART NUMBER: BKIT-CMX-001

2x WING
NUT

OPTIONAL MOUNTING
HARD CEILING MOUNTING
PART NUMBER: HKIT-CMX-002

MOUNTING NUT

2x SCREW

2x BAR
EXTENDER

1. TOP MOUNTING

2x SCREW
#8-18X3/4in2x PLASTIC
ANCHOR #8MOLDED
LOCK NUTMOUNTING
BRACKET2x PLASTIC
ANCHOR #8MOUNTING
BRACKET2x SCREW
#8-18X3/4inMOLDED
LOCK NUT

2. SIDE MOUNTING

CEILING GRID T-BAR

NOTE: THESE OPTIONAL MOUNTING KITS ARE NOT INCLUDED WITH THE ANTENNA
AND CAN BE PURCHASED SEPERATELY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 28FEB2025

KISHORE S

CHK 05MAR2025

J.HAGER

APVD 05MAR2025

C.HANG

PRODUCT SPEC
REFER TABLEAPPLICATION SPEC
REFER TABLEWEIGHT
REFER TABLE

CUSTOMER DRAWING



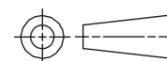
NAME
OMNI,IcIng,30cm,NF 380-6000MHz,6dBi,

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	©-CMS38606-30NF	

SCALE	SHEET	REV
1:4	2 OF 2	A1

DIMENSIONS:
mm[INCH]TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± 0.5
1 PLC	± 0.25
2 PLC	± 0.130
3 PLC	±
4 PLC	±
ANGLES	± 30'

MATERIAL
N/AFINISH
N/A


1470-19 (3/13)