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REVISIONS

PARAMETER	PERFORMANCE	
TE CONNECTIVITY MODEL NUMBER	PSQ24495-91NM	
ANTENNA TYPE	DIRECTIONAL	
RF CONNECTOR	N TYPE MALE PIGTAIL	
CABLE TYPE	LD -TEMP PLENUM	
CABLE LENGTH	910.00[35.826]	
FREQUENCIES MHZ	2400-2500	4900-6000
GAIN (DBI) MAX	5.5	6.0
AZIMUTH CO-POLAR BEAM WIDTH (DEG)	85° TYP	90° TYP
ELEVATION CO-POLAR BEAM WIDTH (DEG)	110° TYP	85° TYP
VSWR MAX	<2.0:1	<2.0:1
PORT TO PORT ISOLATION	>15DB	>20DB
FRONT TO SIDE	>8 DB	>10 DB
FRONT TO BACK	>13 DB	>20 DB
POLARIZATION	SLANT LINEAR ±45°	
WEIGHT	.70 KG (1.54 LBS)	
STORAGE TEMPERATURE	-40°C TO +85°C	
OPERATIONAL TEMPERATURE	-30°C TO +70°C	
OUTDOOR RATED	IP67	
RADOME MATERIAL	ASA LURAN S778T, UV STABLE WHITE, UL94-V0	
ROHS COMPLIANT	YES	
MAX POWER (WATTS)	10 W	
WIND SURFACE AREA		
WIND SURVIVAL	200 km/H (125 MPH)	
WIND OPERATIONAL	160 km/H (100 MPH)	

REV	DESCRIPTION	DATE	DWN	APVD
F03	(ECN-IAS-06076) ADD TO PERFORMANCE CHART WIND INFORMATION	10MAR17	M.L.	R.C.
F04	(ECN-IAS-06094) CHANGE_GAIN FOR FREQ 4.90-6.00 GHz from 5.5 to 6.0. CHANGE FREQ 2.49 TO 2.50	17MAR17	M.L.	T.P.
A1	ECO-22-00317	05MAR25	KS	C.HANG

Technical drawing showing the antenna assembly with dimensions:

- Top view: 200.0 [7.874]
- Side view: 40.00 [1.575], 200.0 [7.873], 176.00 [6.929]
- Detail A: 46.50 [1.831]
- Exposed cable length: 910.00 ±1.30 [35.826 ±0.51]
- Articular degree adjustment mechanism shown.

ADD CLAMPS FOR MAST MOUNTING

(2.2)  
[.085]

CONNECTOR TYPE  
N-MALE 4X

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm[INCH]

MATERIAL  
N/A

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

FINISH  
N/A

DWN 13JAN2015

M.LABONVILLE

CHK 13JAN2015

YJ TEOH

APVD 13JAN2015

C.HANG

PRODUCT SPEC  
REFER TABLE

APPLICATION SPEC

N/A

WEIGHT  
REFER TABLE

CUSTOMER DRAWING

NAME

PANEL,DBAND,91CM,NM 2.4-6.0,5DBI,

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-PSQ24495-91NM

SCALE 1:2

SHEET 1 OF 2

REV A1

**TE** TE Connectivity

1470-19 (3/13)

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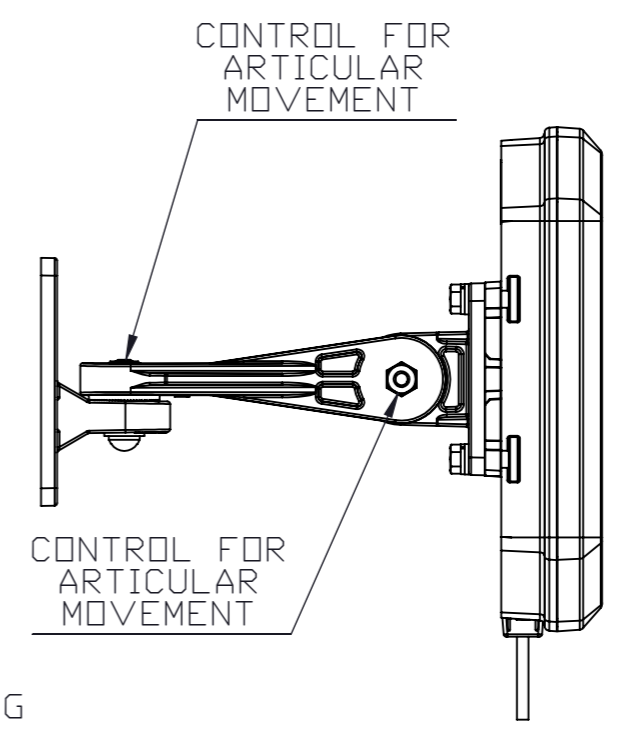
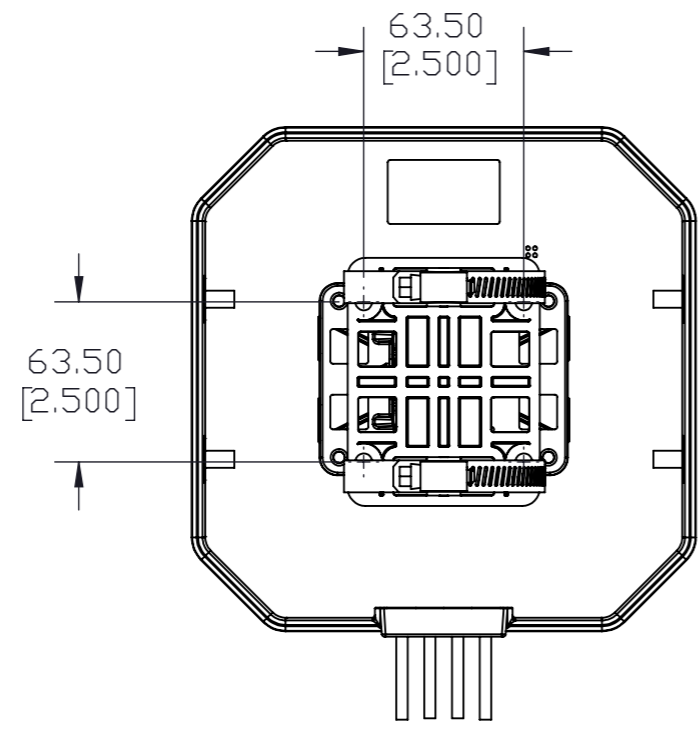
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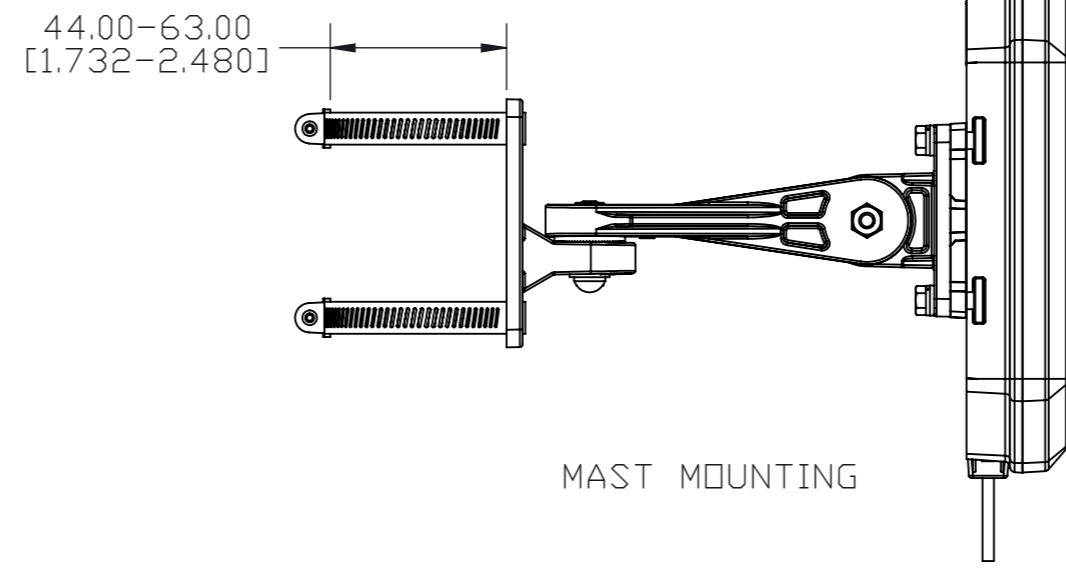
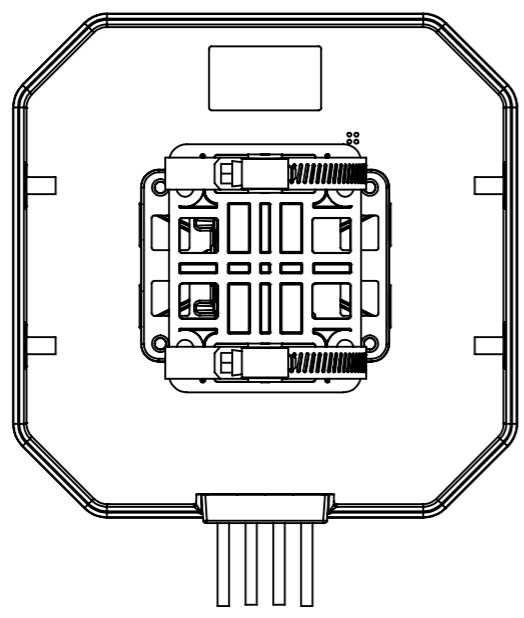
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REVISIONS

REV	DESCRIPTION	DATE	DWN	APVD
-	SEE SHEET1	-	-	-



WALL MOUNTING



MAST MOUNTING

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DWN 13JAN2015  
M.LABONVILLE

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'

CHK 13JAN2015  
YJ TEQH

APVD 13JAN2015  
C.HANG

PRODUCT SPEC  
REFER TABLE

APPLICATION SPEC  
N/A

WEIGHT  
REFER TABLE



PANEL,DBAND,91CM,NM 2.4-6.0,5DBI,

MATERIAL  
N/A

FINISH  
N/A

CUSTOMER DRAWING

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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A3	00779	PSQ24495-91NM	
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SCALE 1:3	SHEET 2 OF 2	REV A1
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