

Pole mount:

Stainless Steel Hose Clamp (2X)
Diameter Range: 46~70

2 X Self Thread screw
Torque: 7.5kgfcm

Connector Facing
Label

Unit Label

Mask mounting
bracket

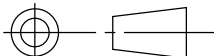
Low profile Wall
mounting bracket

DETAIL B
SCALE 2 : 5

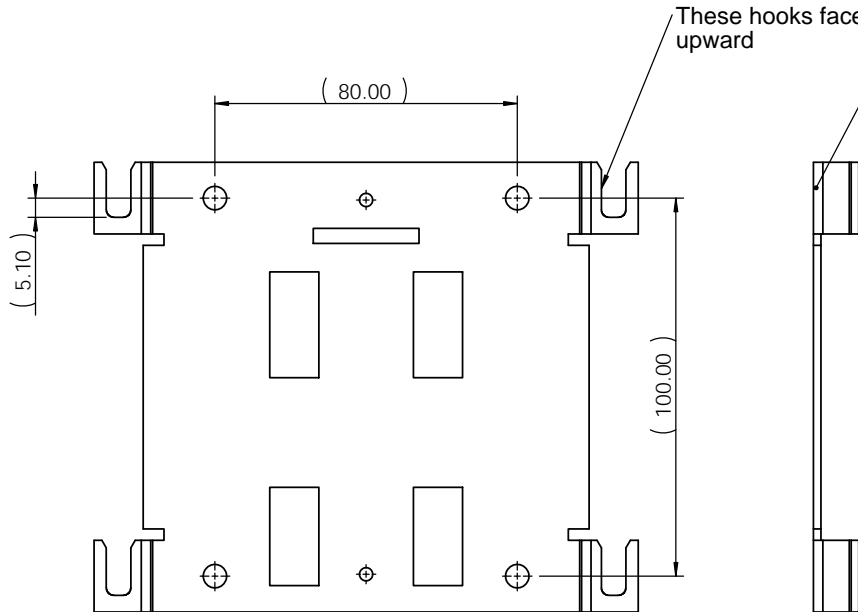
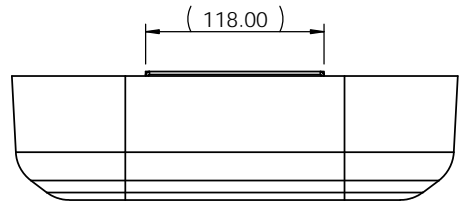
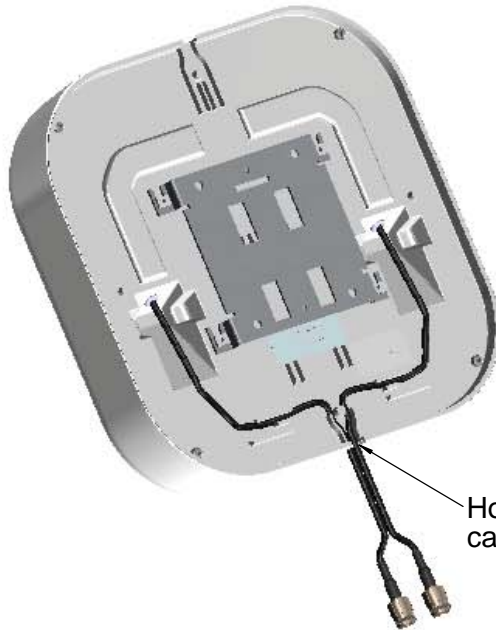
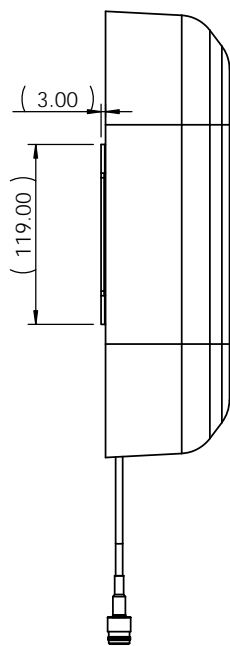
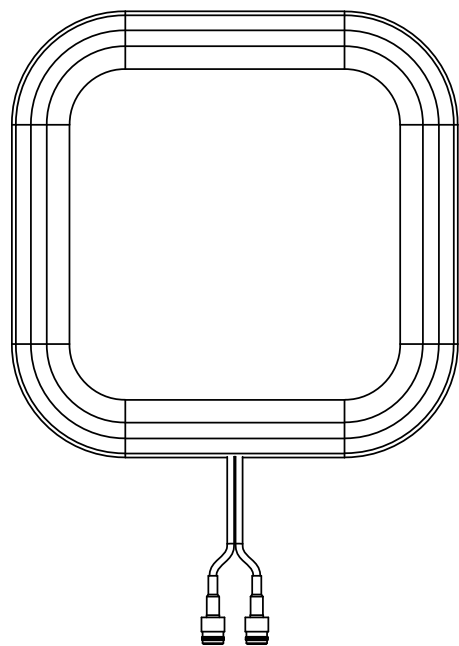
UNLESS OTHERWISE NOTED, THIS DOCUMENT CONTAINS LAIRD TECHNOLOGIES CONFIDENTIAL INFORMATION. REPRODUCTION, USE, DISCLOSURE OR TRANSMITTAL OF ALL OR ANY PART OF THIS DOCUMENT IS PROHIBITED EXCEPT TO THE EXTENT APPROVED IN WRITING BY AN AUTHORIZED REPRESENTATIVE OF LAIRD TECHNOLOGIES. LAIRD TECHNOLOGIES RESERVES ALL RIGHTS UNDER PATENTS, TRADEMARKS, COPY RIGHTS AND TRADE SECRETS. COPYRIGHT, LAIRD TECHNOLOGIES 2014, ALL RIGHTS RESERVED.

REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F02	ECO-19-00195		CORRECTION TYPO; PN IN TABLE PAS69278P-91NF WAS PAS69273P-91NF	WT NG 05APR19	WT NG 05APR19

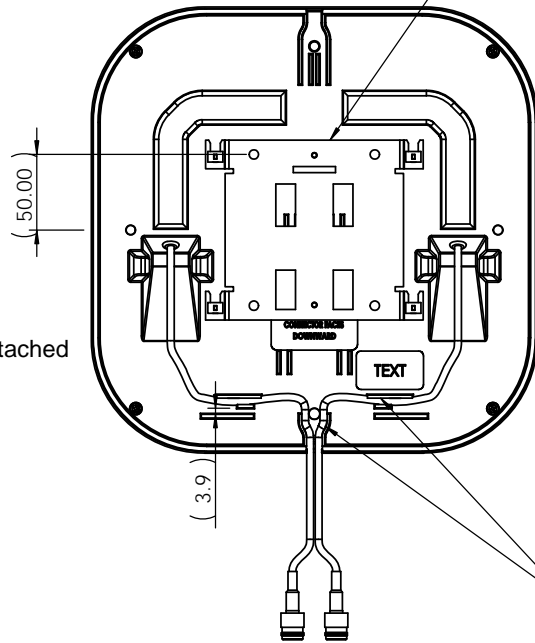
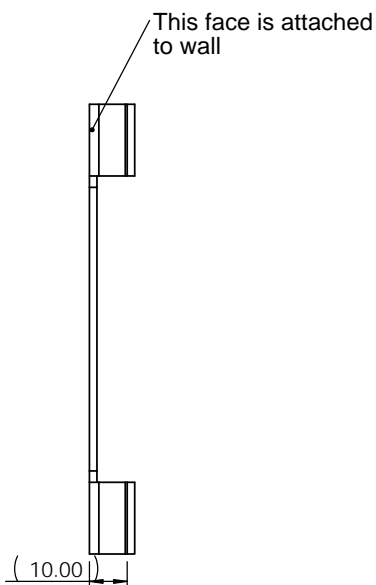
Parameter	Performance
Laird Part Number	PAS69278P-91NF
Antenna Type	Directional Panel
Cable Type	Semi Flexiform 402
Connector Type	Dual Type N-Female
Operating Frequency Range	698-960MHz / 1710-2700MHz
VSWR	2:1 max
Norminal Impedance	50 ohms
Gain (dBi)	8.7 (typical), 9.1 (max) @ 700 Band 9.0 (typical), 9.7 (max) @ 850 Band 9.8 (typical), 10.4 (max) @ 900 Band 7.5 (typical), 8.5 (max) @ 1800 Band 8.5 (typical), 9.1 (max) @ 1900 Band 8.4 (typical), 9.1 (max) @ 2100 Band 9.5 (typical), 10.1 (max) @ 2300 Band 9.7 (typical), 10.0 (max) @ 2600Band
3 dB Beamwidth (Vertical plane)	58° to 67° (698-960 MHz); 53° to 77° (1710-2700 MHz)
3 dB Beamwidth (Horizontal plane)	58° to 68° (698-960 MHz); 52° to 78° (1710-2700 MHz)
F/B Ratio, CO-pol	21 dB
CPR at Boresight	23 dB (typical), 25 dB (min, 698-960 MHz), 17 dB (min, 1710-2700 MHz)
Isolation, dB	> 30 (typical), 28 dB (min)
Polarization	Slant ± 45°
PIM, 3rd order, 2X20W	<-150dBc
Max Input Power (watts) per port	50W
Outdoor Rated	No
Ingress Protection	IP20
Operational Temperature Range (°C)	-30 to +70
Storage Temperature Range (°C)	-40 to +85
Environmental Conditions	ETSI EN300 019-2-4, class 4.1E.
Wind Rating	150 km/hr (93 mph)
Flammability Rating (Radome)	UL 94V0 Materials
Radome & Base Color	White, color code (SABIC) WH9B034
RoHS	Yes
Cable Exposed Length	910mm ± 20mm
Dimensions	295 x 295 x 82 mm
Antenna Weight	1.46 kg

MATERIAL:			<div>THIRD ANGLE PROJECTION</div> <div></div> <div>DO NOT SCALE DRAWING</div>		<div><div>Laird™</div><div>IAS, PENANG MALAYSIA</div></div>		
FINISH:							
APPROVALS		DATE	<div>TITLE:</div> <div>MOUNTING & OUTLINE</div> <div>PAS69278P-91NF</div>				
DRAWN BY	WT NG	24SEP14					
ELEC. ENG.	TH LEE	19MAR12					
MECH. ENG.	GJ CHIN	19MAR12					
MFG./OPS.	LT GAN	24SEP14					
			<div>INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009</div> <div>TOLERANCES UNLESS OTHERWISE SPECIFIED</div> <div>DIMENSIONS ARE IN MILLIMETERS</div>				
			<div>ANGLE: ±30'</div> <div>0 PLACE DECIMAL: ±0.5</div> <div>1 PLACE DECIMAL: ±0.25</div> <div>2 PLACE DECIMAL: ±0.13</div>				
			<div>SURFACE ROUGHNESS 1.6/√</div>				
			<div>SIZE</div> <div>A3</div>				
			<div>DWG. NO.</div> <div>PAS69278P-91NFM0</div>				
			<div>REV</div> <div>F02</div>				
			<div>SCALE: 1:5</div>		<div>PREVIOUS#</div>		
			<div>SHEET 1 OF 2</div>				

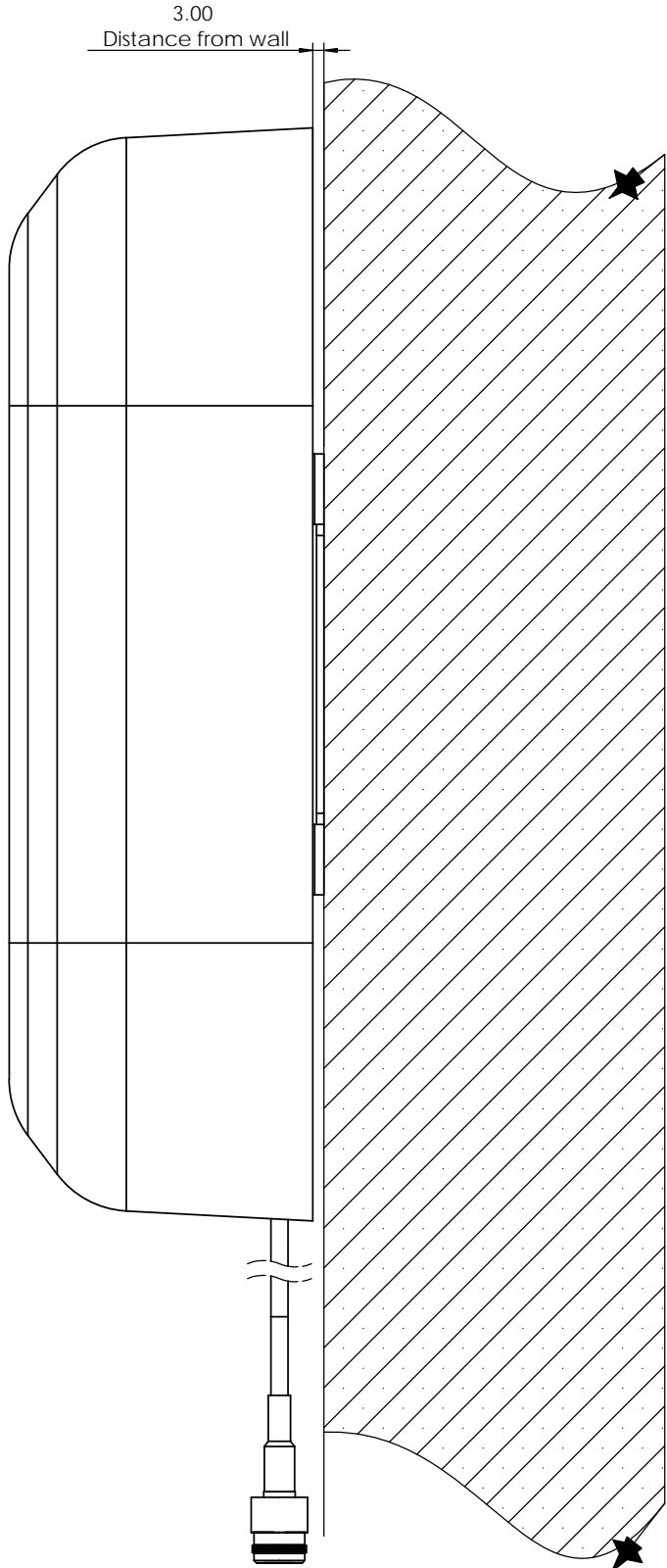
Wall mount:
Antenna is hooked up
to Wall mounting bracket



Low profile Wall Mounting Bracket:
Drilling dims and Orientation



Wall Mounting Bracket.
To be installed on wall
with supplied #6 X1.25" screws and anchors.
Dims and location is shown below.



Laird		IAS, PENANG MALAYSIA	
SIZE A3	DWG. NO. PAS69278P-91NFMO		REV F02
SCALE: 1:5		PREVIOUS#	SHEET 2 OF 2