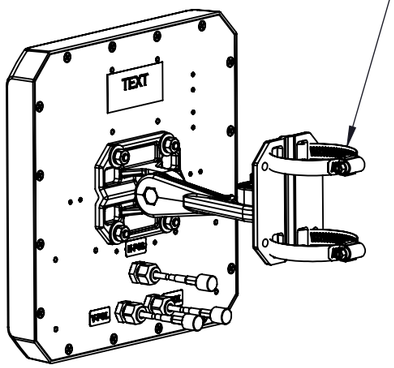
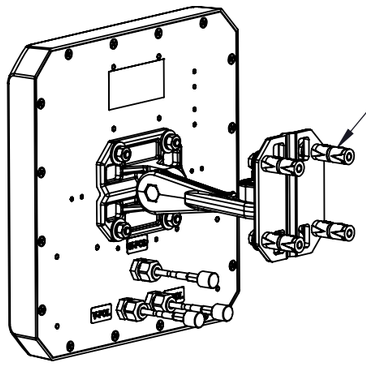
REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AA			INITIAL RELEASE	K.S. 09-30-08	K.S. 09-30-08
AB	MAN-4078		CORRECTED TOP ISO- VIEW FOR WALL MOUNT REMOVED THE HOSE CLAMP AND ADDED H.W.	MCL 3/9/2010	S.J. 3/9/2010
F01	ECN-IAS-04231		CHANGED ARTICULAR ARM LENGTH WAS152.1 NOW 176.1	M.L. 18JUN15	S.J. 18JUN15

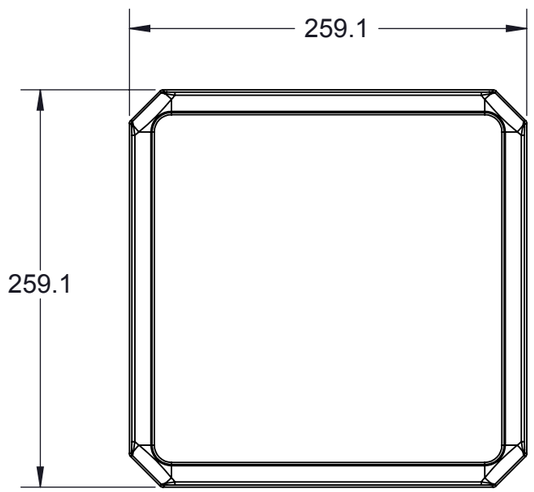


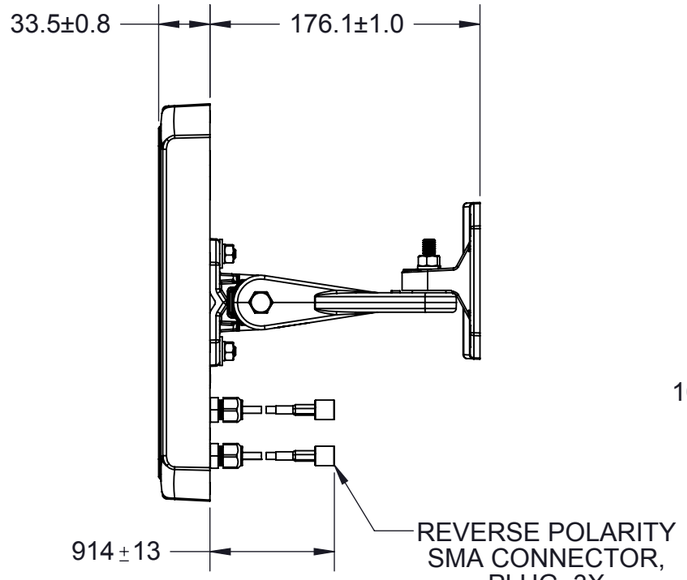
HDMNT BRACKET,
MAST MOUNT OPTION.
SEE HDMNT INSTALLATION
SHEET

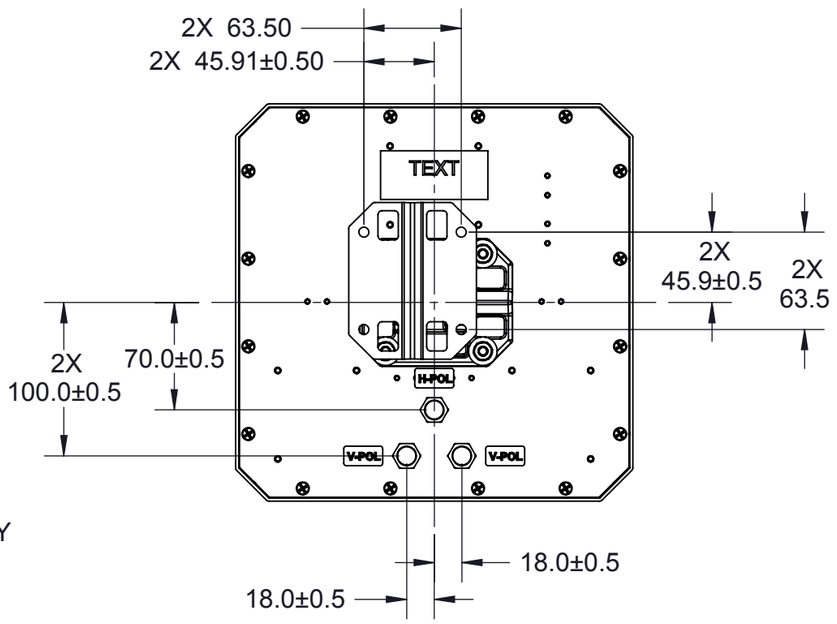


HDMNT BRACKET,
WALL MOUNT OPTION.
SEE HDMNT INSTALLATION
SHEET

Parameter	Performance	
Laird Part Number	S24517PT36RSM	
Frequency	2400-2500MHz, 5150-5875MHz	
Gain (W/860mm Cable)	2450MHz	8.0 dBi Typical
	5500MHZ	10.7 dBi Typical
Polarization	Linear, 2-Vertical, 1 Horizontal	
VSWR	2.0:1	
Azimuth Plane Beamwidth	75°@2.45GHz	55°@5.5GHz
Elevation Plane 3 dB Beamwidth	70°@2.45GHz	60°@5.5GHz
Cable Length	914mm±13mm	
RF Connectors	Reverse SMA Plug (3X)	
Power	1W	
Weight	0.8kg (1.8lb) w/out HDMNT,	1.7kg (3.8lb) with HDMNT
Radome Material	Polycarbonate	
Mounting	(44-57mm) Mast or Concrete Wall (HDMNT Kit)	
Wind Surface Area	@0°, 0.067m^2 (0.72ft^2)	@90°, 0.009m^2 (0.09ft^2)
Wind Survival	200km/h (125mph)	
Operational Temperature	-30°C to +65°C (Cable Install Low Temp -20°C)	
Storage Temperature	-40°C to +70°C	
Water/Dust Seal Rating	IP-67	







The component(s), including any plating, finishes, coatings, chemicals and surfaces treatments, supplied in this document/drawing must conform and comply with the latest issue of Laird Technologies Specification LT-GES-001, which fully includes but is not limited to all contents of EU Directives 2002/95/EC (RoHS Directive), as well as includes requirements of the Joint Industry Guide standard JIG-101, April 2005. The component(s) in this document/drawing may be subject to a full compound analysis for proof of compliance. The latest issue of Laird Technologies Specification LT-GES-001, (General Specification for the Environment) is readily available upon request from the supplier.

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MATERIAL: N/A

FINISH: N/A

APPROVALS		DATE
DRAWN BY	K. SEARL	07-23-08
PROJ. ENG.	T. PETROPOULOS	10-01-08
APPL. MECH.	S. JOHNSON	10-01-08
MFG.	I. CHICKLIS	10-01-08

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

ANGLE:	±30'
0 PLACE DECIMAL:	±0.5
1 PLACE DECIMAL:	±0.25
2 PLACE DECIMAL:	±0.13

SURFACE ROUGHNESS 1.6

Laird TECHNOLOGIES
MANCHESTER, NH 03103
USA

TITLE:

MOUNTING & OUTLINE, S24517PT36RSM

SIZE	DWG. NO.	REV
A3	S24517PT36RSMMO	F01
SCALE: 1:4	PREVIOUS#	SHEET 1 OF 1