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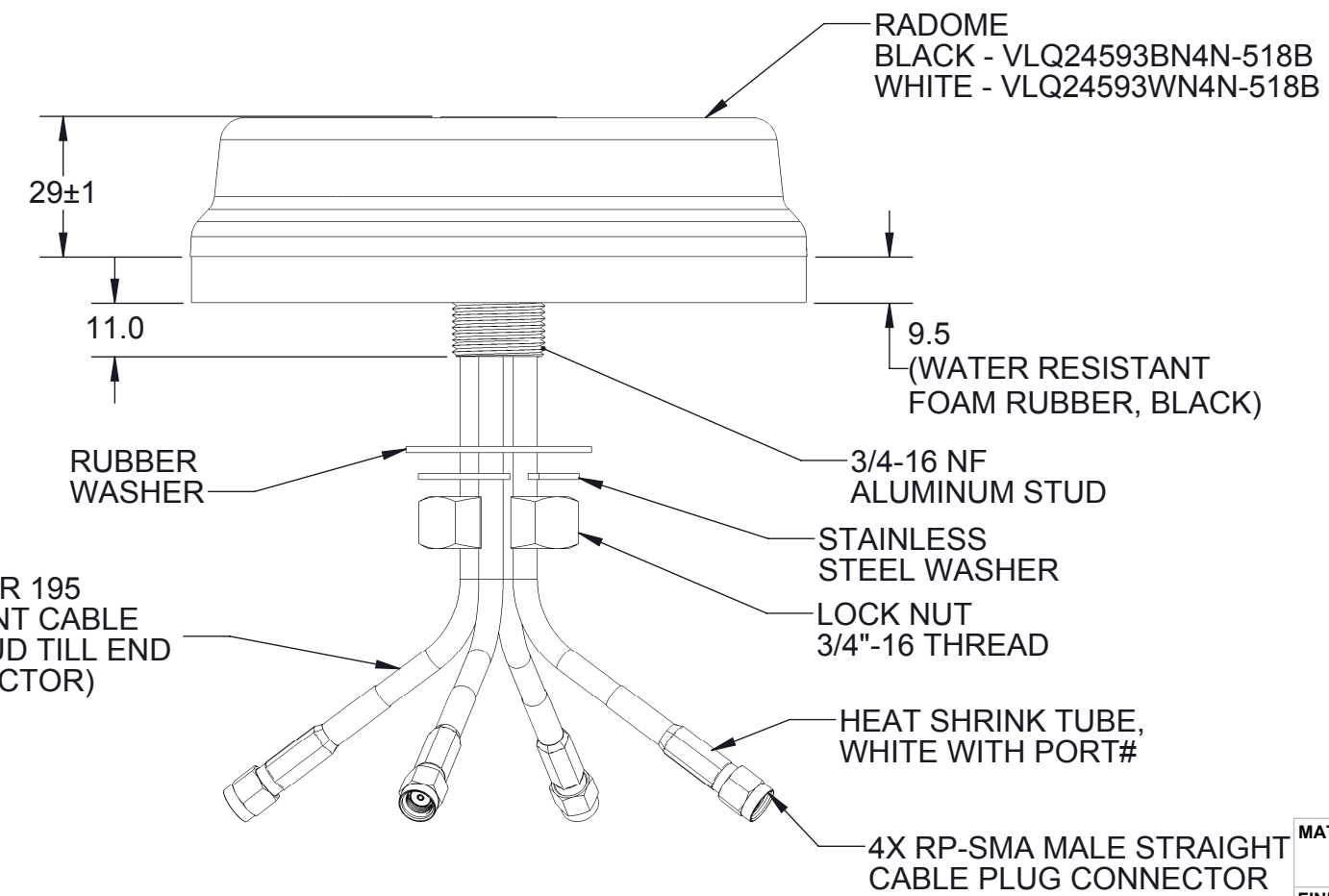
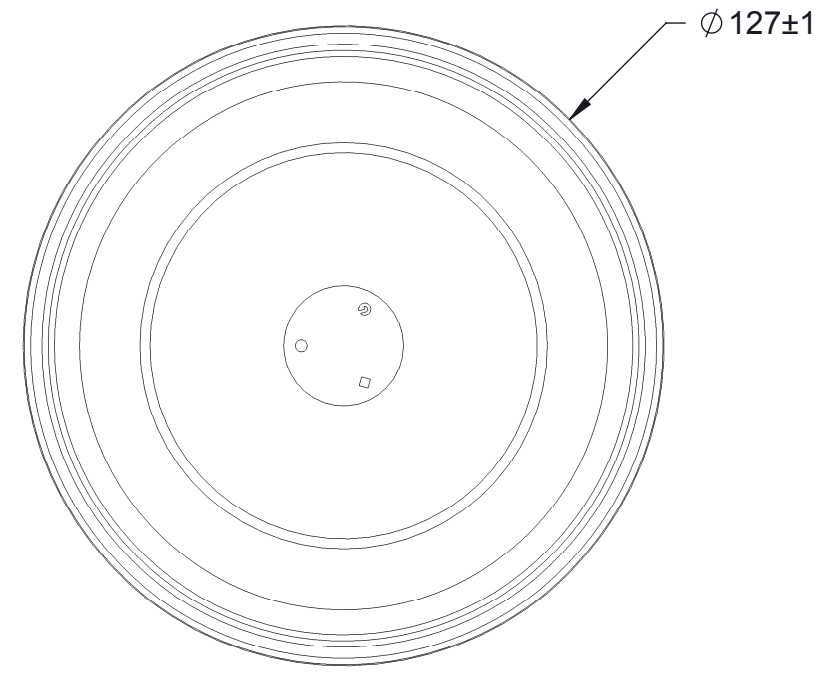
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REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01	ECN-IAS-04376		INITIAL RELEASE	WT NG 22JUL15	HANG 22JUN15



SPECIFICATION	PERFORMANCE	
Frequency Bands, MHz	2400-2500	4900-5925
Peak Gain, dBi (Typ)*	1.4	2.6
Peak Gain, dBi (Max)*	2.2	3.5
VSWR (Typ)**	1.5	1.5
Isolation, dB**	> 20	> 26
Max Gain +-30 above Horizon,	NA	3.5
Maximum VSWR**	2.0:1	
Nominal Impedance	50Ω	
Max Power (Ambient temp of	10 Watts Max per port	
Polarization	Linear, Vertical	
Azimuth Beam Width	Omnidirectional	
RF Connector	4X RP-SMA Male Cable Plug Connector	
Cable Type	LMR195 Equivalent Cable, Black	
Exposed Cable Length, Lc	5181 ± 102 mm	
Radome	PC, UV Resistant, UL94 V-0, White/Black	
Mounting	Bulkhead	
Dimensions (diameter x height) with gasket	Ø127 mm x 38.5 mm	
Weight	Approximate 2.01 lb (0.91kg)	
Storage Temperature (°C)	-35°C to 80°C	
Operational Temperature (°C)	-35°C to 75°C	
Flammability Rating (Radome)	UL94-V0	
Material Substance Compliance	RoHS Compliant	

*measured with 1ft cable
 **measured with 17ft cable

17FEET LMR 195 EQUIVALENT CABLE (FROM STUD TILL END OF CONNECTOR)

4X RP-SMA MALE STRAIGHT CABLE PLUG CONNECTOR

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 2011/65/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:		THIRD ANGLE PROJECTION
FINISH:		DO NOT SCALE DRAWING
APPROVALS		DATE
DRAWN BY	WT NG	22JUL15
ELEC. ENG.	EC LEE	22JUL15
MECH. ENG.	WT NG	22JUL15
MFG./OPS.	HE KHOR	22JUL15
INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009		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/√



TITLE:		
MOUNTING & OUTLINE		
VLQ24593xN4N-518B		
SIZE	DWG. NO.	REV
A3	VLQ24593xN4N-518BMO	F01
SCALE: 1:1.5 PREVIOUS#		SHEET 1 OF 1

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