

REVISIONS

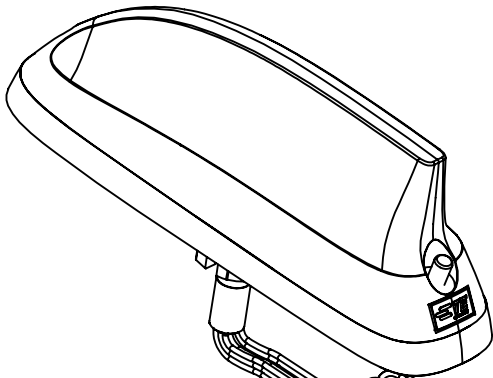
REV	DESCRIPTION	DATE	DWN	APVD
A	INITIAL RELEASE	12FEB2024	MA	CY
A1	REVISE NOTES ON CABLE CONFIGURATION	3MARCH2025	MA	CY

MECHANICAL SPECIFICATION

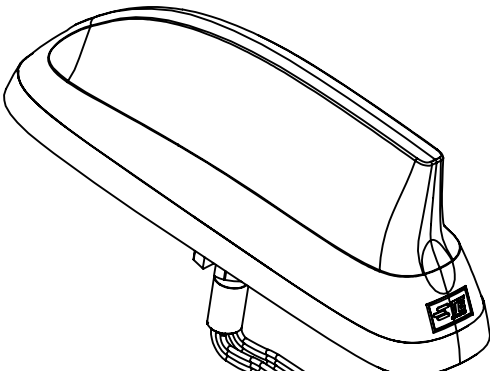
Dimensions-L X W X H mm(inches)	245 x 63 x 84 (9.6 x 2.5 x 3.3)
Weight,kg(lbs)	See Configuration Table 1
Mounting Type	P Mount
Cable Type	RG-174:FR(ECE R118.03 Compliance
Antenna Color	Black
Radome Material	PC, UL94-V0:Halogen free
Baseplate Material	Aluminium
Weight (kg)	8 ports : ~2.1kg 7 ports : ~1.9kg

ENVIRONMENTAL SPECIFICATION

Operating Environment	Outdoor Vehicle
Operating Temperature, °C(°F)	-40 to +85(-40 to +185)
Storage Temperature, °C(°F)	-40 to +85(-40 to +185)
Ingress Protection	IP67,IP69K
Material Substance Compliance	RoHS Compliant



WITH WHIP VERSION

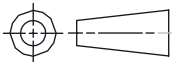


W/O WHIP VERSION

TCPN	ALIAS NUMBER	NO OF PORTS	PORT CONFIGURATION			
			4G/5G	WIFI	GNSS	WHIP
L001044-01	VFE61729B42L-530AY	8	4 SMA-M	2 RP-SMA-M	1 SMA-M	1 BNC-M
L001044-02	VFE61729B42L-530Z	8	4 SMA-M	2 RP-SMA-M	1 SMA-M	1 QMA-M
L001044-03	VFS61729B42L-530A	7	4 SMA-M	2 RP-SMA-M	1 SMA-M	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± 0.5
1 PLC ± 0.25
2 PLC ± 0.13
3 PLC ±
4 PLC ±
ANGLES ± 30'

FINISH

DWN 12FEB2025

ARFAN

CHK 12FEB2025

PN TAN

APVD 12FEB2025

CY HANG

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

12FEB2025



TE Connectivity

NAME

Multi Port,5G/LTE,Wi-Fi,GNSS,Whip

SIZE

A3

CAGE CODE

00779

DRAWING NO



L001044

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE

1:2

SHEET

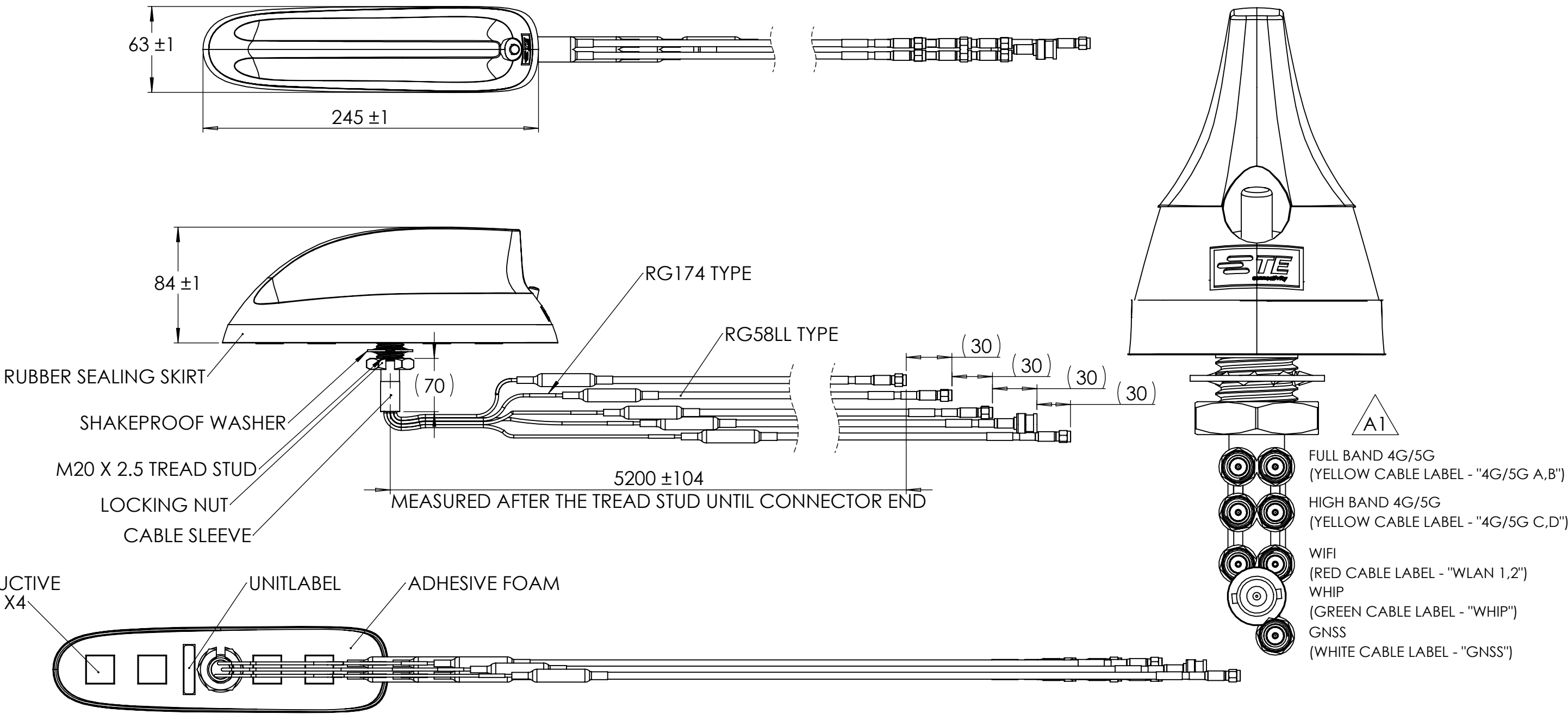
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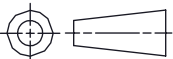
OF

3

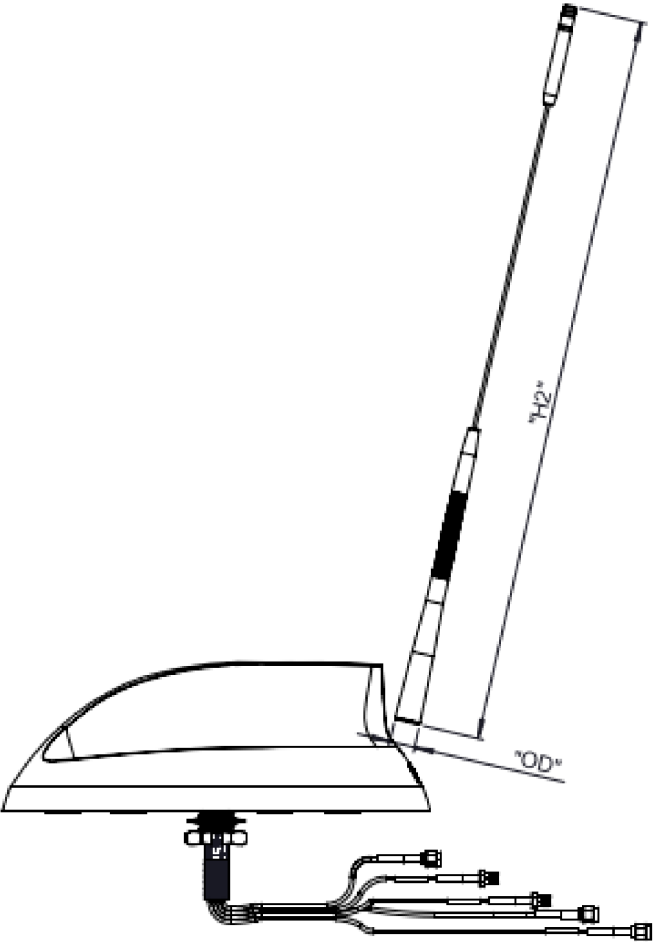
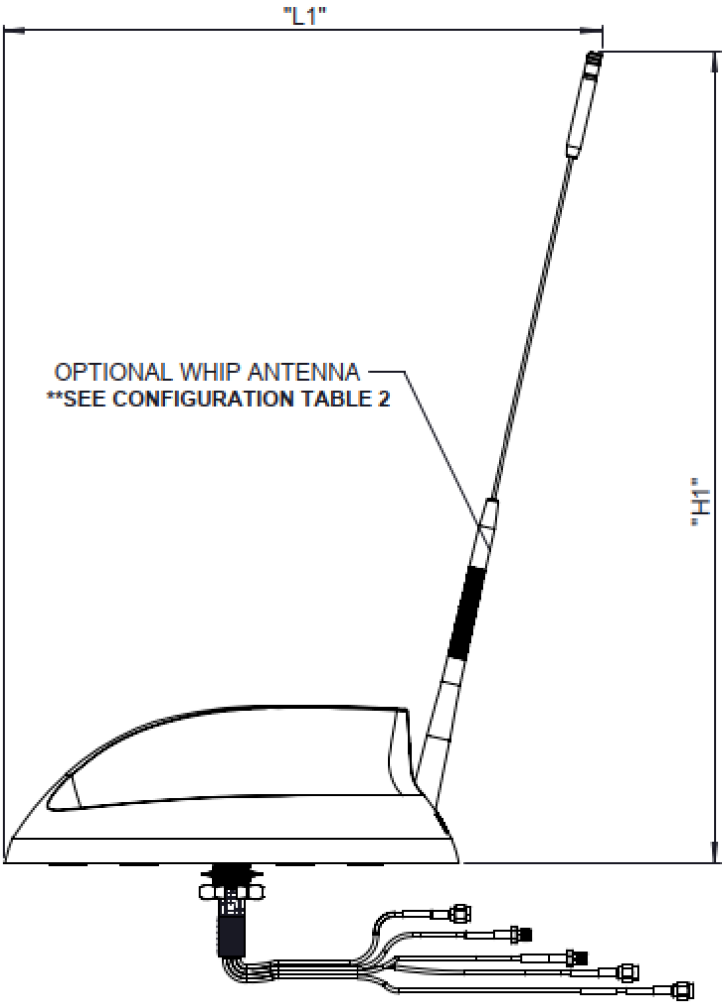
REV

A1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARFAN 12FEB2025	TE Connectivity					
		CHK PN TAN 12FEB2025						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.5 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 4 PLC ± ANGLES ± 30'	APVD CY HANG 12FEB2025	NAME					
		PRODUCT SPEC —	Multi Port,5G/LTE,Wi-Fi,GNSS,Whip					
		APPLICATION SPEC —						
		MATERIAL	FINISH	WEIGHT g	SIZE A3	CAGE CODE 00779	DRAWING NO C— L001044	RESTRICTED TO —
CUSTOMER DRAWING						SCALE 1:3	SHEET 2 OF 3	REV A1

Optional Whip Antenna Outline



Configuration Table 2

Optional External Whip				
TCPN	"L1"	"H1"	"H2"	"OD"
L000340-01	(322)	(434)	(416)	(14.5)
L000410-01	(269)	(202)	(149)	(14.3)
L000410-02	(234)	(177)	(130)	(14.3)
L000410-03	(220)	(166)	(122)	(14.3)
L000410-04	(116)	(87)	(64)	(14.3)

DRAWING SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY.
ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHACEMENT.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 0.5

1 PLC ± 0.25

2 PLC ± 0.13

3 PLC ±

4 PLC ±

ANGLES ± 30°

FINISH

DWN ARFAN 12FEB2025

CHK PN TAN 12FEB2025

APVD CY HANG 12FEB2025

PRODUCT SPEC

APPLICATION SPEC

WEIGHTg

TE Connectivity

NAME
Multi Port,5G/LTE,Wi-Fi,GNSS,Whip

SIZEA3

CAGE CODE00779

DRAWING NO
L001044

RESTRICTED TO

CUSTOMER DRAWING

SCALE1:3

SHEET3 OF 3

REV A1

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