## CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Complian:

## CAB528RF: I-PEX MHF + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + \$\phi 1.37MM LOW LOSS CABLE, 8GHz

### SPECIFICATIONS :

- 1. I-PEX MHF | PLUG. P/N: 20351-112R-37.
- 2. \phi1.37MM LOW LOSS COAXIAL CABLE. COLOR: BLACK.
- 3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA108-F37.

#### ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA108-F37) RATED TO THE FOLLOWING SPECIFICATION:
  - i. IP6X DUST TIGHT NO PARTICLE INGRESS.
- ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDFRWATER
- iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

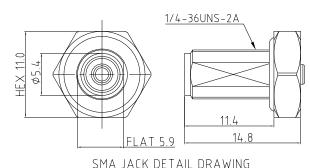
#### NOTES:

- 1. WORKING FREQUENCY RANGE: DC-8GHz.
- 2. OPERATING TEMPERATURE: -40°C TO +85°C.
- 3. IMPEDANCE: 50 Ohm.

# USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST: APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS





HOW TO ORDER (AB528RF - X X X X - X X - X - 1

"L" LENGTH IN MM eq: 100MM = 0100(MIN. 0050-MAX.0400 STANDARD = 0100, 0150, 0200) Tolerance: 50-200mm: ±5mm. 201-400mm: +7mm.

WASHER AND NUT OPTIONS:

BLANK = SEPERATELY PACKED (STANDARD)

A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION

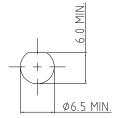
F1 = MHF CONNECTION DOWN (L=50-200MM)

F2 = MHF CONNECTION UP (L=50-200MM)

F3 = MHF CONNECTION AND D FLAT SAME ORIENTATION (L=50-200MM)

F4 = MHF CONNECTION AND D FLAT OPPOSITE ORIENTATION (L=50-200MM)

(SEE NOTES 1.2.3 AND DIAGRAMS FOR MORE INFORMATION)



RECOMMENDED SMA MOUNTING HOLE

EVE Flat	Flat
<u>'F1' ORIENTATION</u>	<u>'F3' ORIENTATION</u>
'F2' ORIENTATION	CFLat 'F4' ORIENTATION

Scale:	NTS	THIRD ANGLE	Unstated Tolerances: .X N/A .XX N/A
Drawn:	NYW	$\rightarrow$	- XXX N/A ANGLES N/A
App'd:	XXX	Title CABLE ASSEMBLY	
Date: 22	MAY '23	Revision: 1.1	Unit: mm





Drawing Number: CAB528RF

Sheet 1 of 1 Drawing (C) E and 0 E

IP67/68 Rated Cables (C) THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT