

COAXIAL CABLE ASSEMBLY

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

CAB425RF: I-PEX MHF 4L LK PLUG + SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68 + 1.37MM CABLE, 6GHz

SPECIFICATIONS :

1. I-PEX MHF 4L LK PLUG, P/N:20632-001R-37.
LOCK: 3615-000
2. 1.37MM COAXIAL CABLE, COLOR: BLACK
3. SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68,
P/N: RFCT-SMA080-F37.

ENVIRONMENTAL:

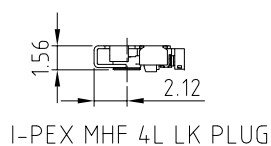
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA080-F37) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

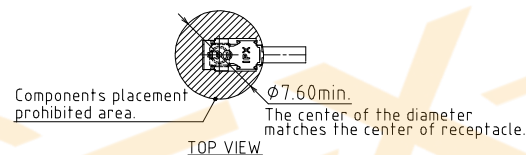
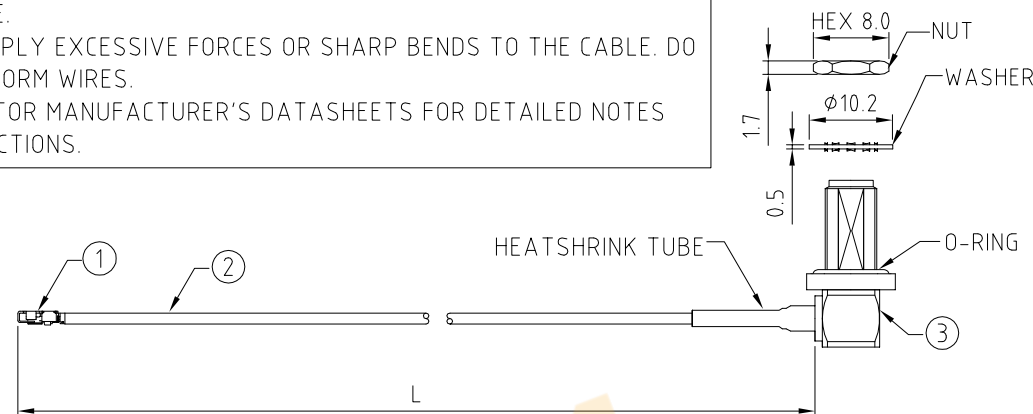
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz.
5. OPERATING TEMPERATURE: -40°C~+85°C.
6. IMPEDANCE: 50 Ohm.

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

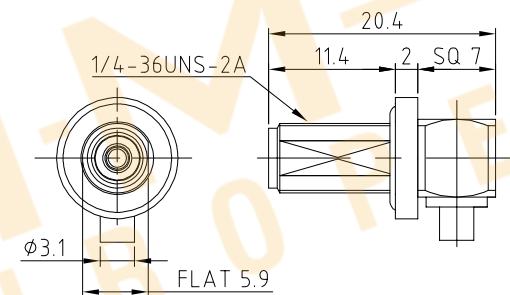
- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.



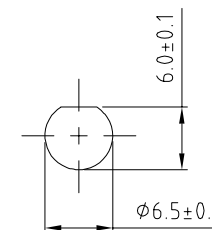
I-PEX MHF 4L LK PLUG

Components placement
prohibited area.

TOP VIEW

The center of the diameter
matches the center of receptacle.

SMA DETAIL DRAWING

RECOMMENDED SMA
MOUNTING HOLE

HOW TO ORDER

CAB425RF - X X X X - X X - X - 1

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

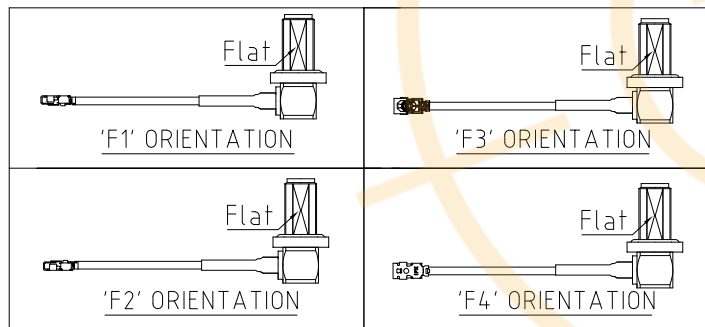
CABLE SIZE:

1 = Ø1.37MM CABLE, COLOR: BLACK

WASHER AND NUT OPTIONS:
BLANK = SEPARATELY 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)



Scale: NTS

Drawn: NYW

App'd: XXX

Date: 5 MAY '21

THIRD ANGLE



Title CABLE ASSEMBLY

Revision: 1.1

Unstated
X
XX
XXX
ANGLES

Tolerances:
N/A
N/A
N/A
N/A

Unit: mm



IP67/68 Rated Cables

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Drawing Number:

CAB425RF

Sheet 1 of 1

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