

CAB417RF: I-PEX MHF 4L LK PLUG + SMA STRAIGHT 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 STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA069-F78.

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

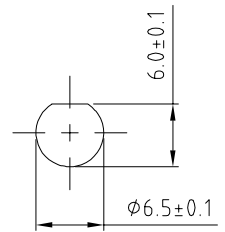
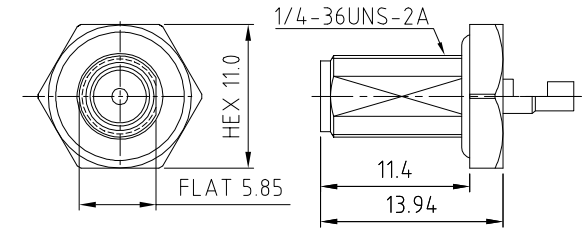
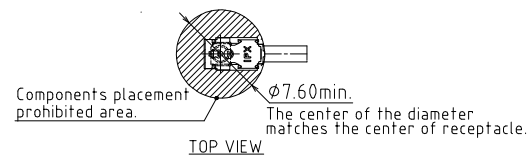
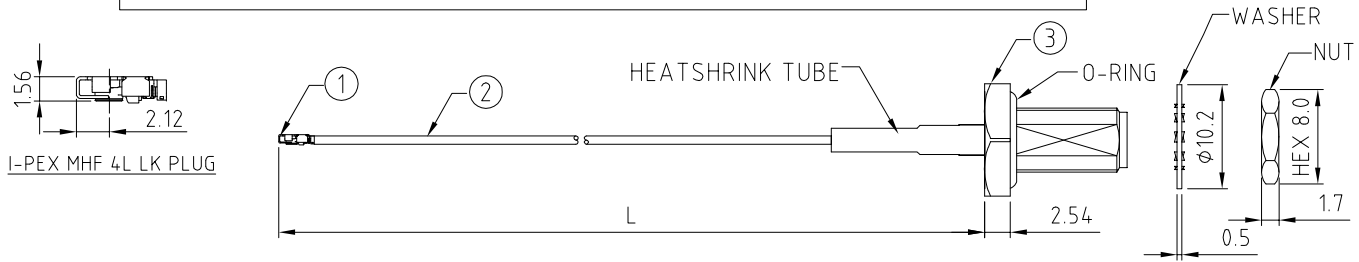
- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA069-F78) 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.



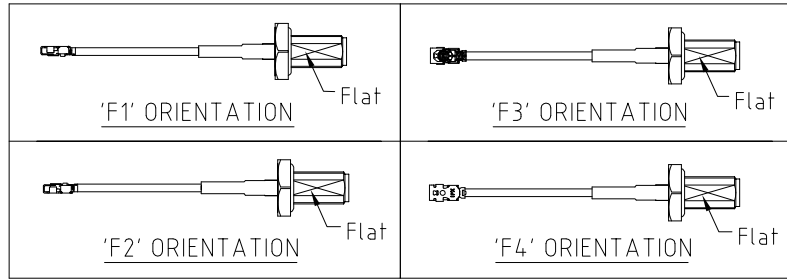
HOW TO ORDER

CAB417RF - 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 = φ1.37MM 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)



REV. DATE & DRN  
10 20/07/20 - CC RELEASE  
11 25/08/20 - NYM  
ADD WASHER & NUT OPTIONS  
12 ADD PART NUMBERING  
ADD MHF PROHIBITED AREA.  
13 29/04/21 - NYM  
AMEND MHF 4L LK DRAWING.

Scale: NTS	THIRD ANGLE	Unstated X XX XXX ANGLES	Tolerances: N/A N/A N/A N/A
Drawn: CC			
App'd: XXX	Title CABLE ASSEMBLY		
Date: 29 APR. '21	Revision: 13	Unit: mm	



IP67/68 Rated Cables www.gradconn.com

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Drawing Number: CAB417RF	
Sheet 1	of 1
Drawing	E and O E