

CAB530RF: I-PEX MHF 4L + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + Ø1.37MM LOW LOSS CABLE, 8GHz

SPECIFICATIONS :

1. I-PEX MHF4L PLUG, P/N: 20632-001R-37.
2. Ø1.37MM LOW LOSS COAXIAL CABLE, COLOR: BLACK.
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA108-F37.

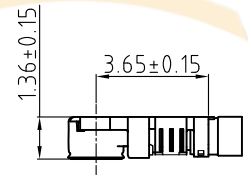
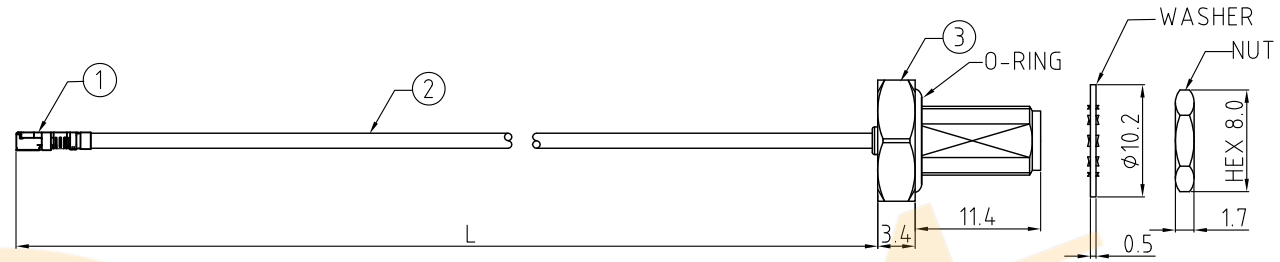
**USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:**  
 (i) HANDLE WITH CARE.  
 (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.  
 (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

ENVIRONMENTAL:

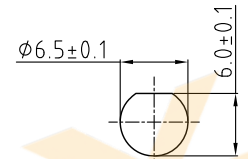
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA108-F37) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
  - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
  - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

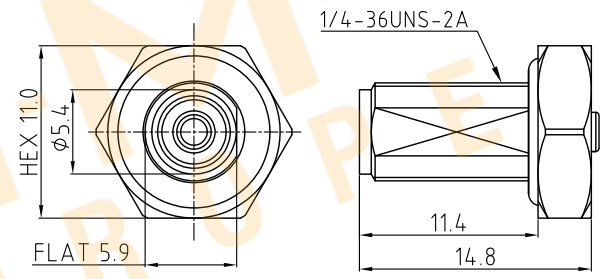
1. WORKING FREQUENCY RANGE: DC-8GHz.
2. OPERATING TEMPERATURE: -40°C TO +85°C.
3. IMPEDANCE: 50 Ohm.



I-PEX 4L DETAIL DRAWING



RECOMMENDED SMA MOUNTING HOLE



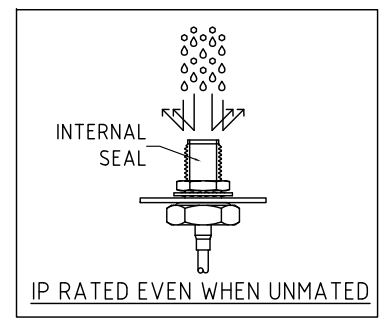
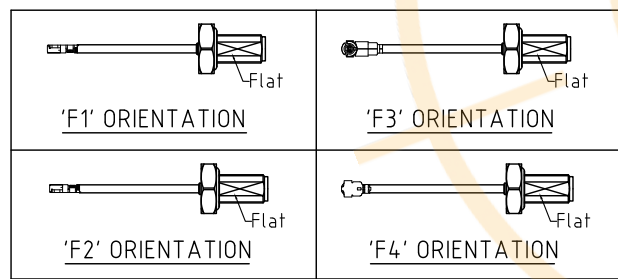
SMA JACK DETAIL DRAWING

HOW TO ORDER  
**CAB530RF - 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.

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)



REV. DATE & DRN  
 10 30/09/72 - NYW RELEASE  
 11 22/05/73 - NYW  
 12 03/02/74 - CC  
 ADD IP RATING VIEW

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Scale: NTS	THIRD ANGLE	Unstated .X .XX .XXX ANGLES	Tolerances: N/A N/A N/A N/A
Drawn: CC		Title CABLE ASSEMBLY	
App'd: XXX	Revision: 1.2	Unit: mm	
Date: 3 FEB. '24			

IP Rated RF Products

www.gradconn.com

Drawing Number: CAB530RF	
Sheet 1	of 1
Drawing ©	E and O E

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All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.



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