

CAB528RF: I-PEX MHF + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + Ø1.37MM LOW LOSS CABLE, 8GHz

SPECIFICATIONS :

1. I-PEX MHF I PLUG, P/N: 20351-112R-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:

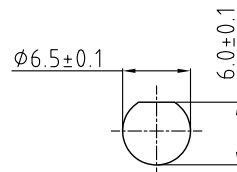
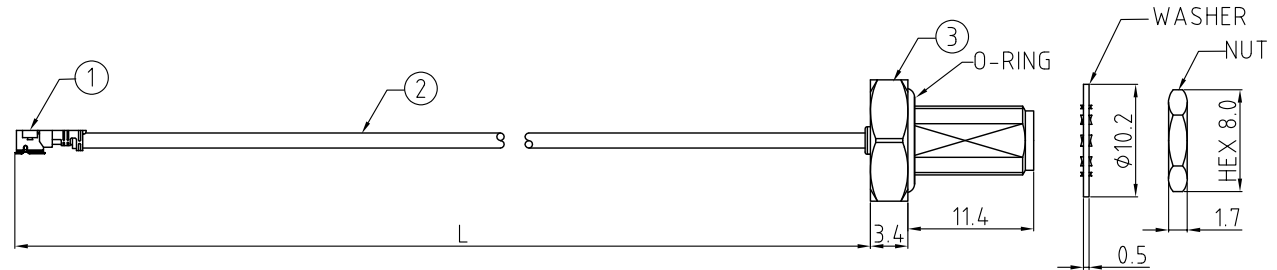
- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

ENVIRONMENTAL:

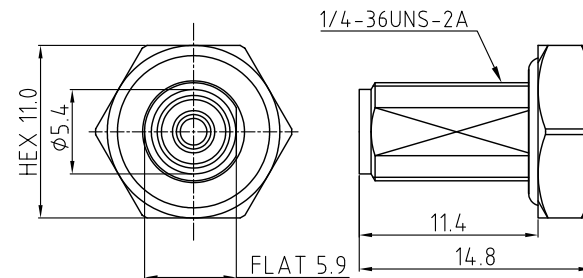
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA108-F37) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

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



RECOMMENDED SMA MOUNTING HOLE



SMA JACK DETAIL DRAWING

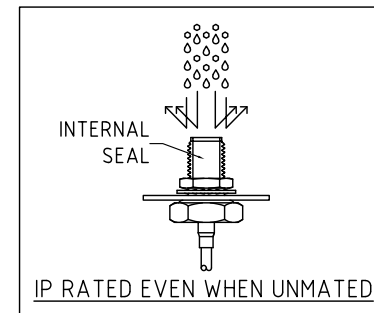
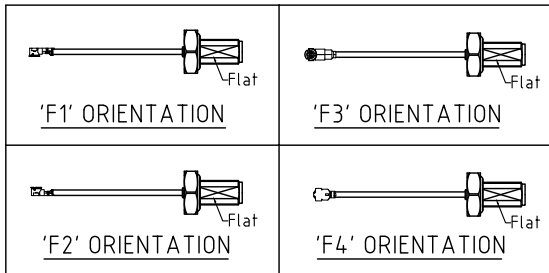
HOW TO ORDER

CAB528RF - 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
11.30/09/22 - INTX RELEASE
11.22/05/25 - INTX TO FLAT. DESIGN CHANGE TO TIP TO FLAT.
12.03/02/24 - CC ADD IP RATING VIEW
13.22/09/25 - CC Add GCT logo.

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: 22 Feb. '25	Revision: 1.3	Unit: mm	

IP Rated
RF Products

www.gct.co www.gradconn.com

Drawing Number: CAB528RF	
Sheet 1	of 1
Drawing ©	E and O E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[GCT:](#)

[CAB528RF-0100-A-1](#) [CAB528RF-0150-A-1](#) [CAB528RF-0200-A-1](#) [CAB528RF-0300-A-1](#) [CAB528RF-0050-A-1](#)