

CAB521RF: MMCX R/A PLUG + ISOLATED SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67 + RG178 CABLE, 6GHz

SPECIFICATIONS

1. MMCX RIGHT ANGLE PLUG, P/N: RFCT-MMCX003-M78
2. RG178 CABLE, COLOR: BROWN
3. ISOLATED SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67, NICKEL PLATED, P/N: RFCT-SMA085-F78

ENVIRONMENTAL:

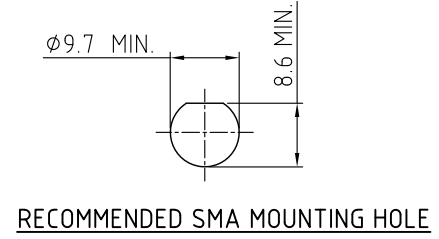
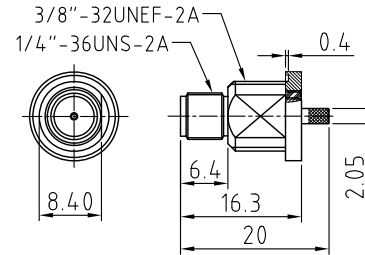
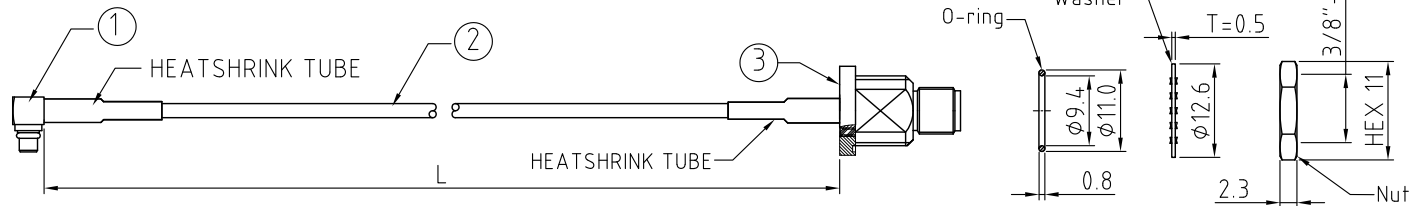
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA085-F78) TESTED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.

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 GRAD CONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz.
5. OPERATING TEMPERATURE: -40°C TO +125°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.



SMA DETAIL DRAWING

RECOMMENDED SMA MOUNTING HOLE

HOW TO ORDER

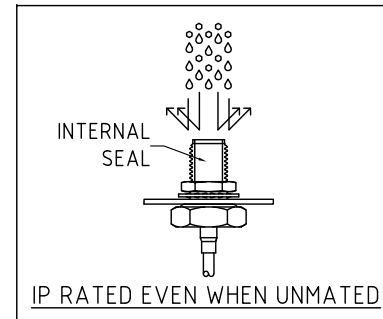
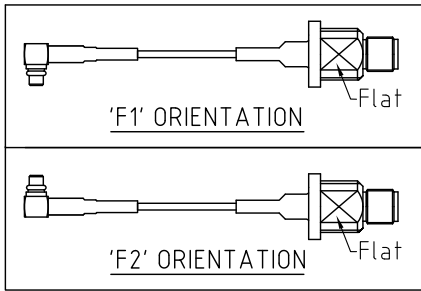
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"L" LENGTH IN MM
 eg: 100MM = 0100
 (MIN. = 0050, MAX. = 2000)
 STANDARD = 0100, 0150, 0200)
 Tolerance: <50mm : ±2mm.
 51-200mm: ±5mm.
 201-500mm: ±7mm.
 >501mm: ±10mm.

CABLE SIZE OPTIONS:
 1 = RG178 CABLE, COLOR: BROWN

WASHER AND NUT OPTIONS:
 BLANK = SEPERATELY PACKED (STANDARD)
 A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:
 BLANK = DOES NOT HAVE A FIXED ORIENTATION
 F1 = MMCX CONNECTION DOWN (L=50-220MM)
 F2 = MMCX CONNECTION UP (L=50-220MM)
 (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



REV. DATE E.DRN
 10 22/08/22 - CC RELEASE
 11 24/09/22 - NEW WORKING FREQUENCY TO 6GHz.
 12 25/02/24 - CC ADD IP RATING VIEW

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A .XX N/A .XXX N/A ANGLES N/A
Drawn: CC		
App'd: XXX	Title CABLE ASSEMBLY	
Date: 25 FEB. '24	Revision: 1.2	Unit: mm

IP Rated RF Products

www.gradconn.com

Drawing Number: CAB521RF	
Sheet 1	of 1
Drawing	E and O E