

CAB469RF: MMCX R/A PLUG + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES, 6GHz

SPECIFICATIONS :

- MMCX RIGHT ANGLE PLUG, P/N:
FOR $\phi 1.37\text{MM}$, RG178 CABLE: RFCT-MMCX003-M78.
FOR $\phi 1.13\text{MM}$ LOW LOSS CABLE: RFCT-MMCX002-M13.
- COAXIAL CABLE, SEE P/N OPTIONS.
- SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68,
P/N: RFCT-SMA069-F78.

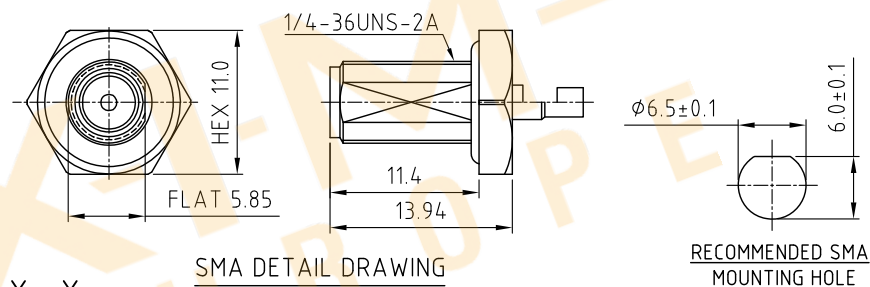
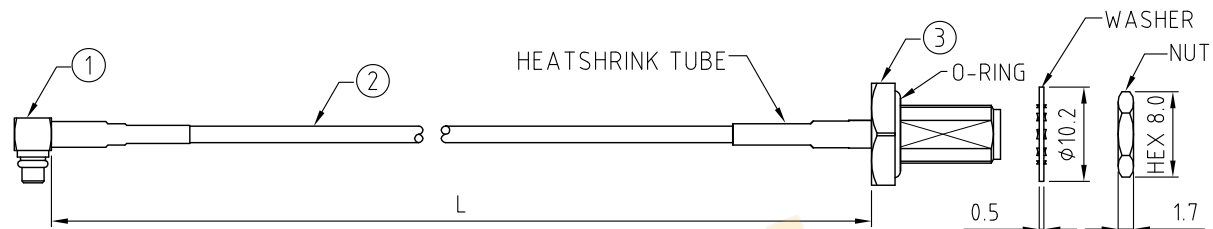
USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:
 (i) HANDLE WITH CARE.
 (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
 (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA069-F78) RATED TO THE FOLLOWING SPECIFICATION:
- IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

- THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
- FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
- CONTACT GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
- WORKING FREQUENCY RANGE: DC-6GHz.
- OPERATING TEMPERATURE: -40°C TO $+125^{\circ}\text{C}$.
- IMPEDANCE: 50 Ohm.



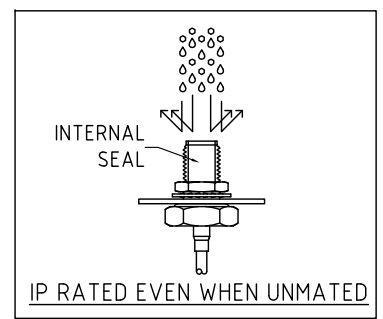
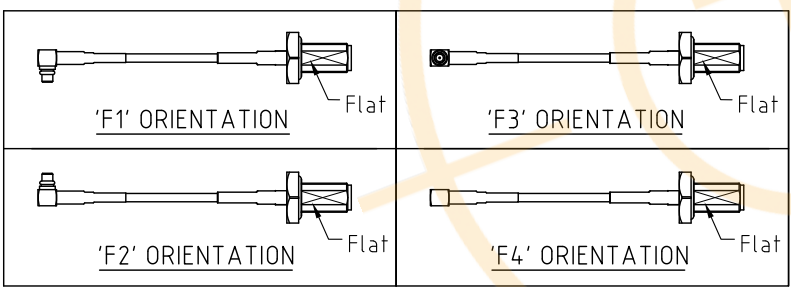
HOW TO ORDER
 CAB469RF - X X X X - X X - X - X

"L" LENGTH IN MM:
 eg: 100MM = 0100
 (MIN. 0050-MAX.0400)
 STANDARD = 0100, 0150, 0200
 TOLERANCE: 50-200mm: $\pm 5\text{mm}$.
 201-400mm: $\pm 7\text{mm}$.

CABLE SIZE OPTIONS:
 1 = RG178 CABLE, COLOR: BROWN
 2 = $\phi 1.37\text{MM}$ CABLE, COLOR: BLACK
 3 = $\phi 1.13\text{MM}$ LOW LOSS CABLE, COLOR: GRAY

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

ORIENTATION OPTIONS:
 BLANK = DOES NOT HAVE A FIXED ORIENTATION
 F1 = MMCX CONNECTION DOWN (L=50-200MM)
 F2 = MMCX CONNECTION UP (L=50-200MM)
 F3 = MMCX CONNECTION & SMA FLAT SAME ORIENTATION (L=50-200MM)
 F4 = MMCX CONNECTION & SMA FLAT OPPOSITE ORIENTATION (L=50-200MM)
 (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



REV. DATE & DRN 11 15/04/22 - NVM RELEASE ADD 131 CABLE OPTION 12 06/10/22 - CC OPTIONS 13 03/04/23 - NVM 13 CORRECT RIGHT CABLE COLOR 14 F2/07/23 - NVM ADD 133 LL CABLE OPTION 15 28/01/24 - CC ADD IP RATING VIEW	Distributed by: www.texim-europe.com	Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A .XX N/A .XXX N/A ANGLES N/A	 IP Rated RF Products	 www.gradconn.com	Drawing Number: CAB469RF		
		Drawn: CC		Title CABLE ASSEMBLY			Sheet 1 of 1		
		App'd: XXX	Date: 28 JAN. '24	Revision: 1.5			Unit: mm	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	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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