

CAB453RF: MMCX RIGHT ANGLE PLUG + S/S TNC STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68 + RG174 CABLE

SPECIFICATIONS:

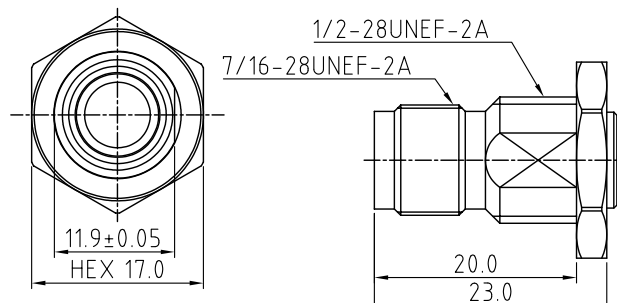
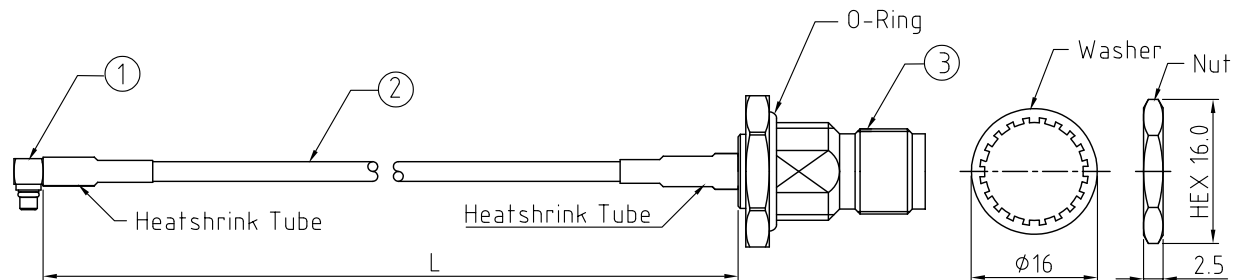
1. MMCX RIGHT ANGLE PLUG, P/N: RFCT-MMCX004-M74.
2. RG174 COAXIAL CABLE, COLOR: BLACK.
3. TNC STRAIGHT BULKHEAD JACK W/O-RING, W/SUS303 STAINLESS STEEL BODY, RATED TO IP67/68, P/N: RFCT-TNC019-F74 (WITH SILICONE O-RING).

ENVIRONMENTAL:

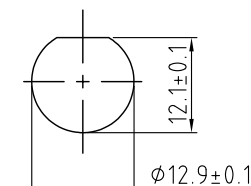
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-TNC019-F74) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

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 GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-3GHz.
5. OPERATING TEMPERATURE: -40°C TO +85°C
6. IMPEDANCE: 50 OHM
7. IF THE CONNECTOR IS USED IN A CORROSIVE ENVIRONMENT, WE RECOMMEND THE CONNECTOR FACE IS PROTECTED WITH A STAINLESS STEEL DUST CAP.
8. PLEASE USE THE RECOMMENDED TORQUE FORCES FOR STAINLESS STEEL CONNECTORS. THIS IS PUBLISHED ON GCT.CO RESOURCES PAGE.



TNC DETAIL DRAWING



RECOMMENDED TNC MOUNTING HOLE

HOW TO ORDER

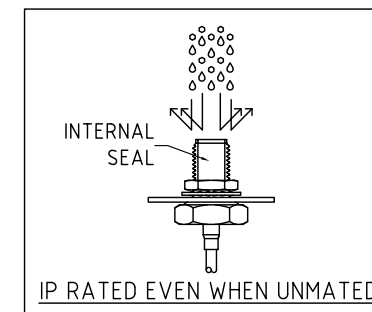
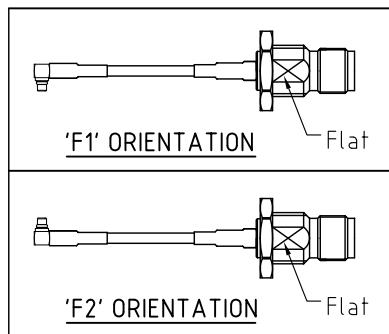
CAB453RF - X X X X - X X - X - 1 - S

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

O-RING MATERIAL:
S = SILICONE, BLACK

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)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



Drawing Number:

CAB453RF

Sheet 1 of 1

Drawing © E and O E

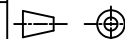
Scale: NTS

Drawn: CC

App'd: XXX

Date: 16 FEB. '25

THIRD ANGLE



Title CABLE ASSEMBLY

Revision: 1.7

Unstated
.X
.XX
.XXX
ANGLES

Tolerances:
±0.2
±0.2
±0.2
N/A

Unit: mm

IP Rated
RF Products

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



www.gct.co

www.gradconn.com

Drawing Number:

CAB453RF

Sheet 1 of 1

Drawing © E and O E

REV. DATE & DRN
10 15/07/21 - NYW RELEASE
11 20/06/21 - NYW
12 05/07/21 - NYW
13 22/07/22 - NYW
14 30/05/23 - NYW
15 15/07/23 - NYW
16 28/01/24 - CC
17 16/02/25 - CC
Add GCT logo