chanhvinh.com

COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

CABLE 399 RF: SMA STRAIGHT PLUG + SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES, 6GHz

SPECIFICATIONS :

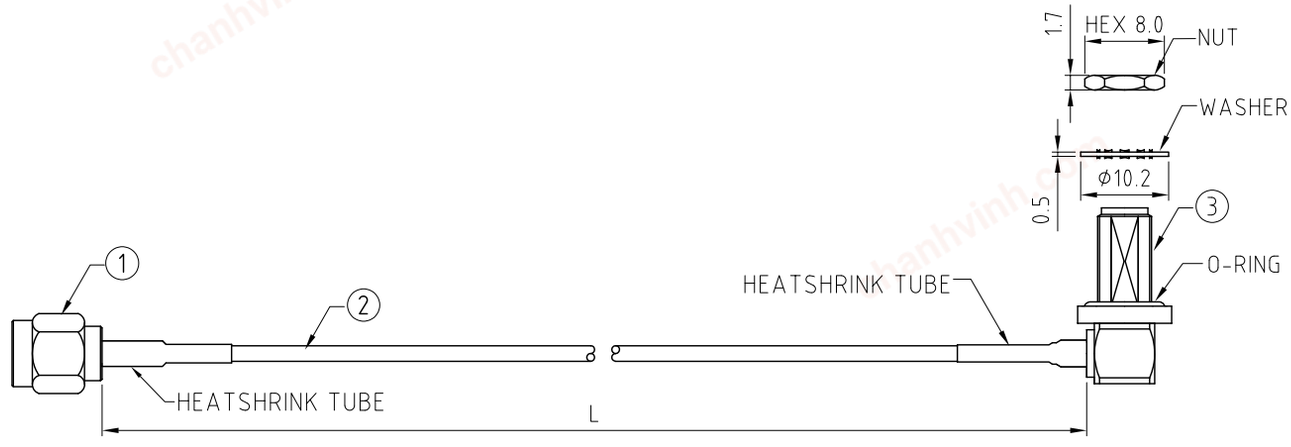
1. SMA STRAIGHT PLUG, P/N:
   FOR RG178 CABLE: RFCT-SMA022-M78.
   FOR ⌀1.13MM CABLE: RFCT-SMA011-M13.
2. COAXIAL CABLE, SEE P/N FOR DETAIL.
3. SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68, GOLD PLATED, P/N:
   FOR RG178 CABLE: RFCT-SMA073-F78 W/SILICONE O-RING OR
   RFCT-SMA073-F78-3 W/FLUOROSILICONE O-RING.
   FOR ⌀1.13MM CABLE: RFCT-SMA079-F13 W/SILICONE O-RING

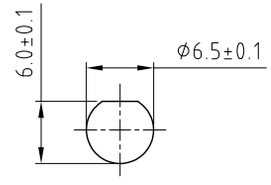
ENVIRONMENTAL:

A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA073-F78/RFCT-SMA079-F13) 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.

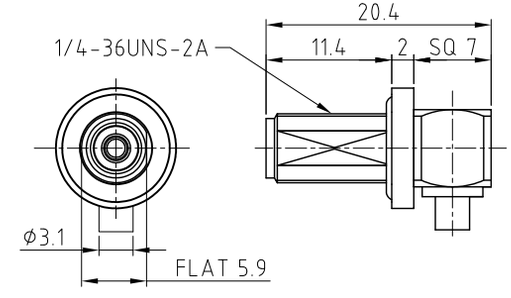
NOTES:

1. WORKING FREQUENCY RANGE: DC-6GHz.
2. OPERATING TEMPERATURE: -40°C TO +125°C
3. IMPEDANCE: 50 OHM





RECOMMENDED SMA MOUNTING HOLE



SMA BULKHEAD JACK DETAIL DRAWING

HOW TO ORDER

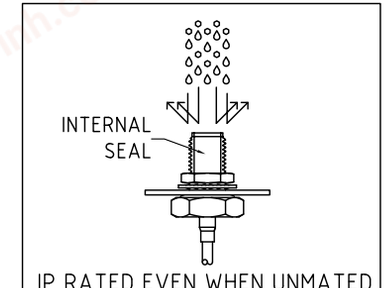
CABLE 399 RF - X X X X - X - X - X

"L" LENGTH IN MM:
eg: 100MM = 0100
(MIN. 050-MAX.2000
STANDARD = 0100, 0150, 0200)
Tolerance: 50-200mm: ±5mm.
201-500mm: ±7mm.
>500mm: ±10mm.

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

CABLE SIZE OPTIONS:
1 = RG178 CABLE, COLOR: BROWN
2 = ⌀1.13MM CABLE, COLOR: GRAY

O-RING MATERIAL OPTIONS:
BLANK = SILICONE, COLOR: RED (STANDARD)
F = FLUOROSILICONE, COLOR: BLACK



IP RATED EVEN WHEN UNMATED

REV.	DATE & DRN	
1.0	20/04/'20 - NYW	RELEASE
1.1	24/07/'20 - NYW	AMEND OPERATING TEMP.
1.2	23/02/'21 - NYW	ADD 1.13 CABLE OPTION.
1.3	15/08/'23 - NYW	ADD 'F' O-RING OPTION.
1.4	31/03/'24 - CC	ADD IP RATING VIEW
1.5	22/02/'25 - CC	Add GCT logo.

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A, .XX N/A, .XXX N/A, ANGLES N/A	IP Rated RF Products
Drawn: CC			
App'd: XXX	Title CABLE ASSEMBLY		
Date: 22 Feb. '25	Revision: 1.5	Unit: mm	

GCT GradConn
www.gct.co www.gradconn.com

Type: Cable 399 RF
CABLE 399 RF
Drawing Number:
Sheet 1 of 1
Drawing © E and O E

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