

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

SPECIFICATIONS :

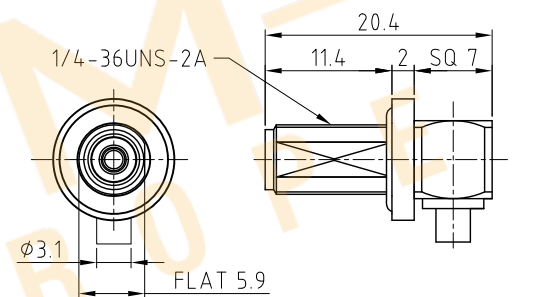
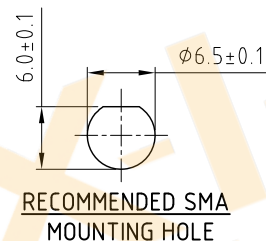
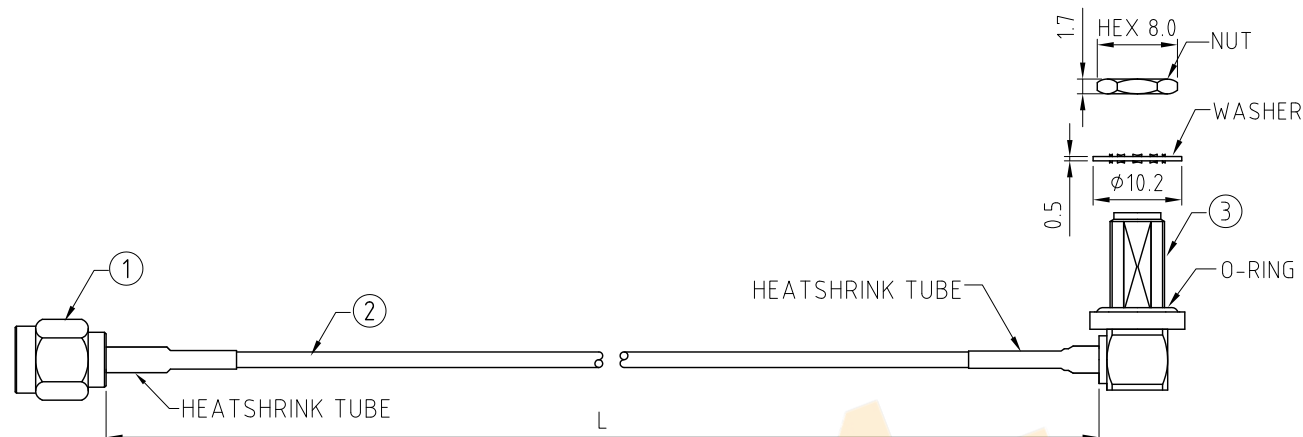
- SMA STRAIGHT PLUG, P/N:  
FOR RG178 CABLE: RFCT-SMA022-M78.  
FOR  $\phi 1.13\text{MM}$  CABLE: RFCT-SMA011-M13.
- COAXIAL CABLE, SEE P/N FOR DETAIL.
- SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68, GOLD PLATED, P/N:  
FOR RG178 CABLE: RFCT-SMA073-F78 W/SILICONE O-RING OR RFCT-SMA073-F78-3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

ENVIRONMENTAL:

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

- WORKING FREQUENCY RANGE: DC-6GHz.
- OPERATING TEMPERATURE:  $-40^{\circ}\text{C}$  TO  $+125^{\circ}\text{C}$
- IMPEDANCE: 50 OHM



SMA BULKHEAD JACK DETAIL DRAWING

HOW TO ORDER

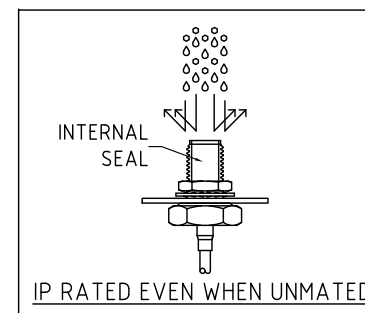
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"L" LENGTH IN MM:  
eg: 100MM = 0100  
(MIN. 050-MAX.2000)  
STANDARD = 0100, 0150, 0200  
Tolerance: 50-200mm:  $\pm 5\text{mm}$ .  
201-500mm:  $\pm 7\text{mm}$ .  
>500mm:  $\pm 10\text{mm}$ .

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

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

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



REV.	DATE & DRN
10	20/04/20 - N/W RELEASE
11	24/07/20 - N/W AMEND OPERATING TEMP.
12	25/02/21 - N/W ADD IP RATION
13	05/07/23 - N/W ADD P O-RING OPTION
14	31/03/24 - CC ADD IP RATING VIEW

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Scale: NTS	THIRD ANGLE	Unstated Tolerances:
Drawn: CC		.X N/A .XX N/A .XXX N/A ANGLES N/A
App'd: XXX	Title CABLE ASSEMBLY	
Date: 31 MAR. '24	Revision: 1.4	Unit: mm

IP Rated RF Products

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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Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

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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