

CABLE 272 RF: I-PEX MHF PLUG + BNC STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES

SPECIFICATIONS:

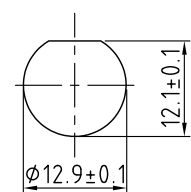
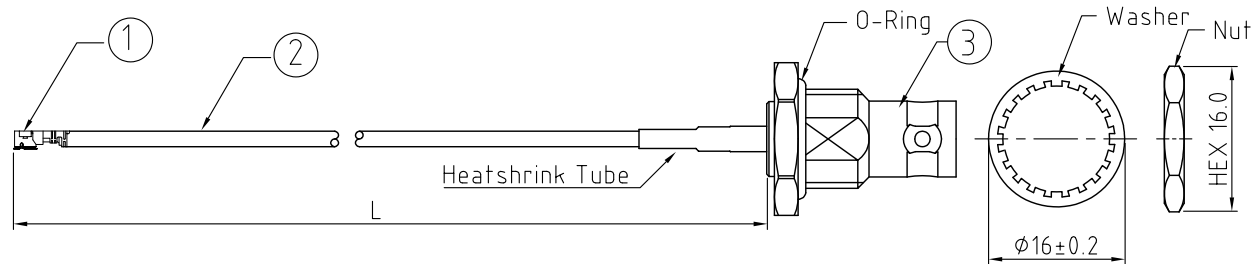
1. IPEX MHF PLUG, P/N: FOR RG178 CABLE: 20278-112R-18, FOR  $\phi$ 1.13MM CABLE: 20278-112R-13, FOR  $\phi$ 1.32 DS CABLE: 20278-112R-32.
2. COAXIAL CABLE, SEE P/N OPTIONS FOR DETAIL.
3. BNC STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: FOR RG178,  $\phi$ 1.13MM,  $\phi$ 1.32MM DS CABLE: RFCT-BNC006-F78.

ENVIRONMENTAL:

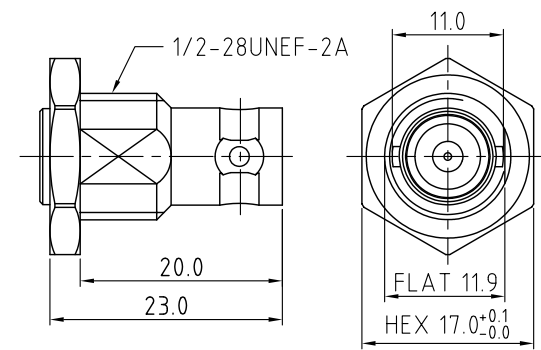
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-BNC006-F78) TESTED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
  - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
  - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.
  - iv. IPX8 WATERPROOF FOR 12 HOURS AT 5 METERS UNDERWATER.
  - v. PRESSURE TEST - 1 BAR FOR 10 SECONDS.

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 25MM 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.



RECOMMENDED BNC MOUNTING HOLE



BNC DETAIL DRAWING

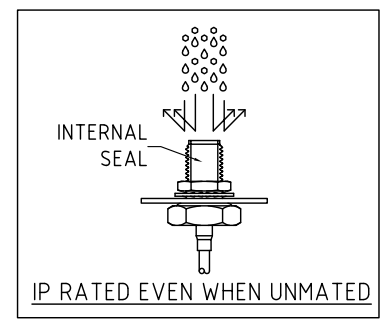
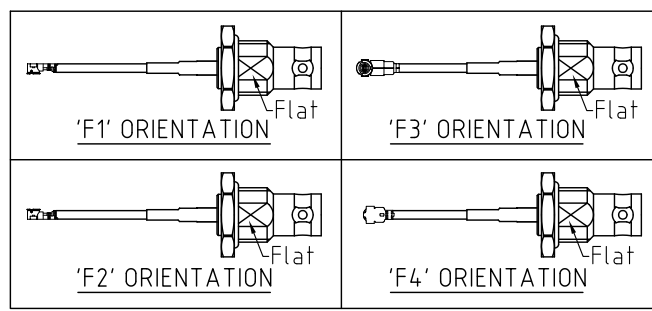
HOW TO ORDER

CABLE 272 RF - X X X X - X X - X - X CABLE SIZE OPTIONS:  
 2 = RG178 CABLE, COLOR: BROWN  
 3 =  $\phi$ 1.13MM CABLE, COLOR: GRAY  
 4 =  $\phi$ 1.32MM DS CABLE, COLOR: GRAY

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

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

ORIENTATION OPTIONS:  
 BLANK = DOES NOT HAVE A FIXED ORIENTATION  
 F1 = MHF CONNECTION DOWN (L=25-200MM)  
 F2 = MHF CONNECTION UP (L=25-200MM)  
 F3 = MHF CONNECTION SAME AS BNC D-FLAT (L=25-200MM)  
 F4 = MHF CONNECTION OPPOSITE TO BNC D-FLAT (L=25-200MM)  
 (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



REV. DATE & DRN
10 19/05/17 - NFM RELEASE
11 20/01/18 - NFM OPTION
12 27/02/19 - NFM OPTION
13 26/09/19 - NFM OPTION
14 07/10/19 - NFM OPTION
15 24/01/20 - NFM OPTION
16 07/07/20 - NFM OPTION
17 03/07/21 - NFM OPTION
18 16/02/25 - KY

Scale: NTS	THIRD ANGLE	Unstated: X	Tolerances: N/A
Drawn: KY		.XX: N/A	.XXX: N/A
App'd: XXX	Title: CABLE ASSEMBLY	ANGLES: N/A	
Date: 16 FEB. '25	Revision: 1.8	Unit: mm	

IP Rated RF Products

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Type: Cable 272 RF  
 CABLE 272 RF  
 Drawing Number:  
 Sheet 1 of 1  
 Drawing © E and O E

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