

CABLE 235 RF: RF CABLE ASSEMBLY, IPEX MHF + TNC STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68, MULTIPLE CABLES

SPECIFICATIONS:

1. I-PEX MHF PLUG, P/N: FOR RG178 CABLE: 20278-112R-18, FOR $\phi 1.37$ MM CABLE: 20351-112R-37.
2. SEE CABLE SIZE OPTIONS.
3. TNC STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-TNC006-F78.

ENVIRONMENTAL:

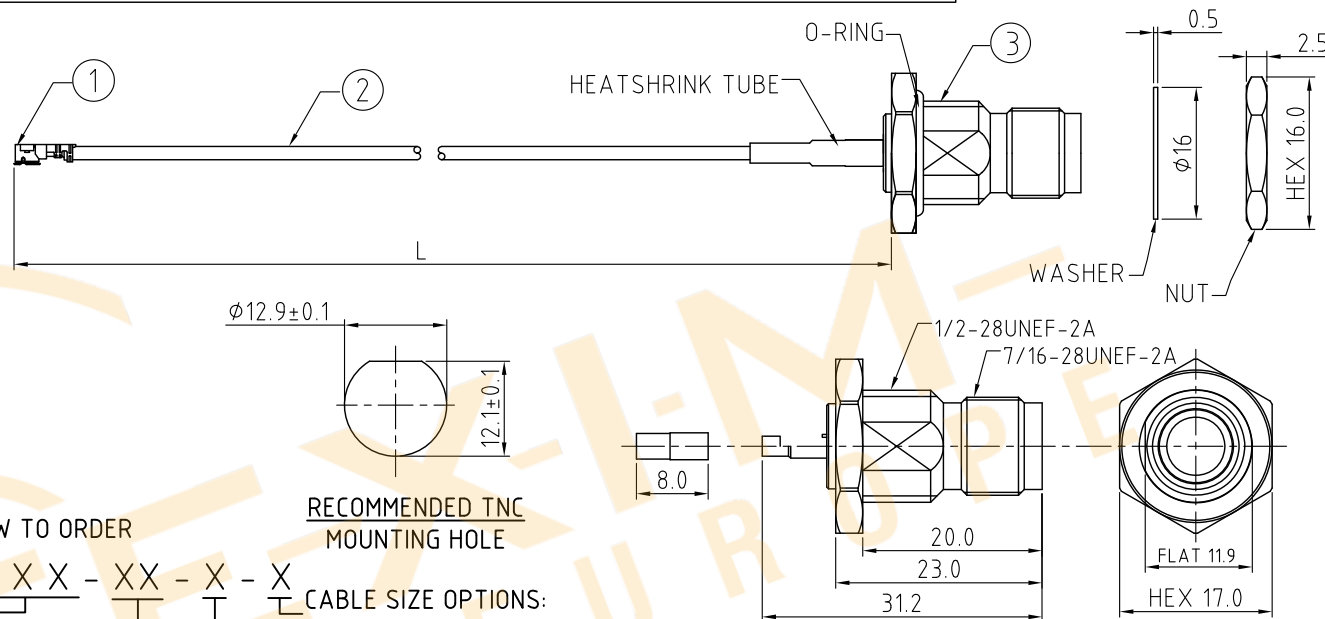
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-TNC006-F78) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

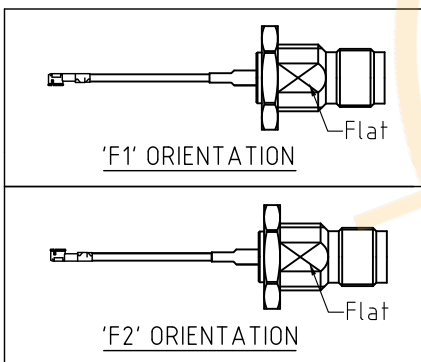
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 25MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRAD CONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-3GHz
5. OPERATING TEMPERATURE: -40°C~+90°C

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.



TNC DETAIL DRAWING

HOW TO ORDER
CABLE 235 RF - X X X - X X - X - X

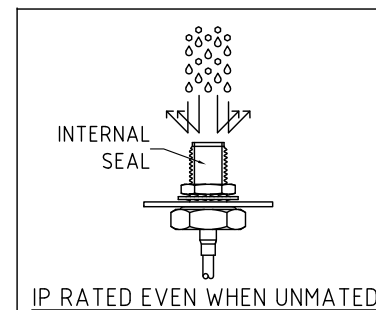
"L" LENGTH IN MM
eg: 100MM = 100
(MIN. 025-MAX.400
STANDARD = 100, 150, 200)
Tolerance: <50mm : ± 2 mm.
51-200mm: ± 5 mm.
201-400mm: ± 7 mm.

RECOMMENDED TNC
MOUNTING HOLE

CABLE SIZE OPTIONS:
1 = $\phi 1.37$ MM CABLE, COLOR: BLACK
2 = RG178 CABLE, COLOR: BROWN

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



IP RATED EVEN WHEN UNMATED

REV. DATE & DRN
10 30/05/16 - NYM RELEASE
11 23/08/16 - R/H ADDED
12 24/04/17 - NYM CABLE OPTION (RG178, BROWN)
13 24/05/19 - NYM AMEND ORDERING GRIDS.
14 03/03/24 - CC ADD OPERATING TEMP.
15 03/03/24 - CC ADD IP RATING VIEW

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Scale: NTS	THIRD ANGLE	Unstated .X .XX .XXX ANGLES	Tolerances: N/A N/A N/A N/A
Drawn: CC			
App'd: XXX	Title CABLE ASSEMBLY		
Date: 3 MAR. '24	Revision: 1.4	Unit: mm	

IP Rated RF Products
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Type: Cable 235 RF
CABLE 235 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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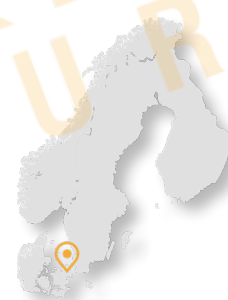
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