COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET

CABLE 278 RF: MMCX R/A PLUG + FRONT MOUNT RP TNC BULKHEAD WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES

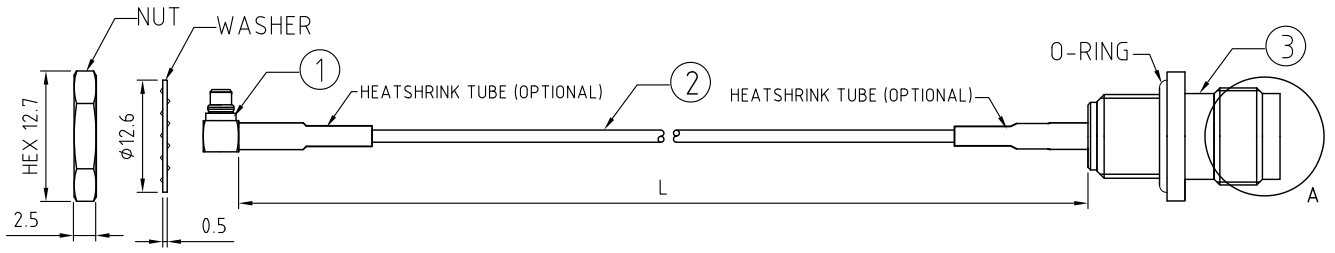
RoHS Compliant

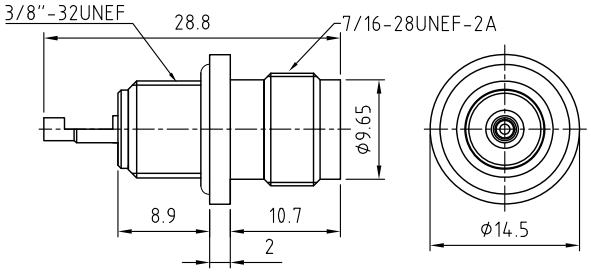
SPECIFICATIONS :
1. MMCX RIGHT ANGLE PLUG, P/N:
   FOR ⌀1.32MM DOUBLE SILVER SHIELDING & ⌀1.37MM CABLES:
   RFCT-MMCX003-M78.
   FOR ⌀1.32MM CABLE: RFCT-MMCX005-M32
2. COAXIAL CABLE, SEE CABLE SIZE OPTIONS.
3. FRONT MOUNT RP TNC BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-TNC003-F78.

ENVIRONMENTAL:
A. BULKHEAD MOUNTED CONNECTOR (RFCT-TNC003-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.

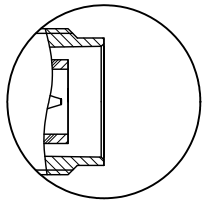
NOTES:
1. WORKING FREQUENCY RANGE: DC-3GHz
2. IT IS INTENDED THAT MOUNTING OF THIS CONNECTOR IS ACHIEVED USING THE NUT AND WASHER PROVIDED. PLEASE CONTACT GRADCONN FOR ADVISE IF PLANNING TO USE A DIFFERENT METHOD OF MOUNTING.

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.





RP TNC DETAIL DRAWING



HOW TO ORDER

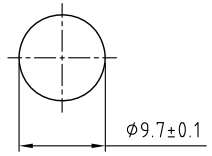
CABLE 278 RF - X X X - X - X - X X

"L" LENGTH IN MM:
eg: 100MM = 100
(MIN. 050 - MAX. 400
STANDARD = 100, 150, 200)
Tolerance: =50mm : ±2mm.
51-200mm: ±5mm.
201-400mm: ±7mm.

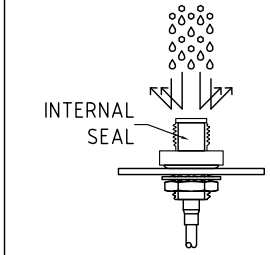
CABLE SIZE OPTIONS:
1 = ⌀1.32MM DS CABLE, COLOR: GRAY.
2 = ⌀1.32MM CABLE, COLOR: GRAY.
3 = ⌀1.37MM CABLE, COLOR: BLACK.

HEATSHRINK TUBES OPTIONS:
BLANK = WITH HEATSHRINK TUBES (STANDARD)
NT = WITHOUT HEATSHRINK TUBES

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



RECOMMENDED TNC MOUNTING HOLE



IP RATED EVEN WHEN UNMATED

REV.	DATE & DRN	
1.0	15/06/'17 - NYW	RELEASE
1.1	27/09/'18 - NYW	ADD 137MM CABLE OPTION. ADD HEATSHRINK TUBE OPTION.
1.2	20/08/'20 - NYW	ADD NOTE 2.
1.3	10/03/'24 - CC	ADD IP RATING VIEW

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A, .XX N/A, .XXX N/A, ANGLES N/A	IP Rated RF Products	Type: Cable 278 RF
Drawn: CC			www.gradconn.com	CABLE 278 RF
App'd: XXX	Title CABLE ASSEMBLY			Drawing Number:
Date: 10 MAR. '24	Revision: 1.3	Unit: mm		Sheet 1 of 1

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