



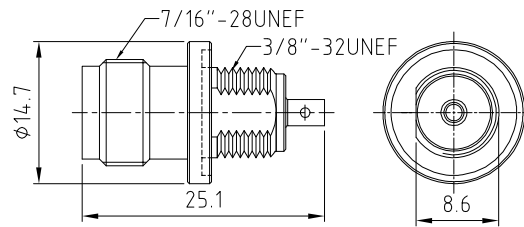
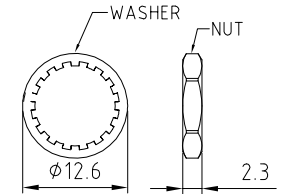
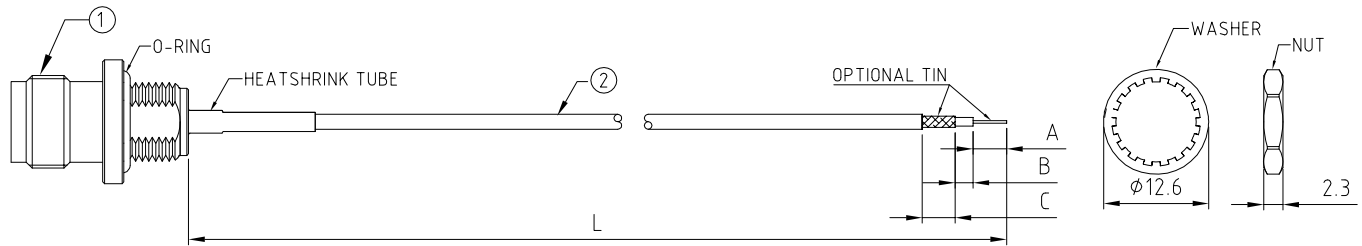
CABLE 277 RF: FRONT MOUNT TNC STRAIGHT BULKHEAD JACK WITH O-RING + RG178 CABLE + STRIP/TIN

SPECIFICATIONS :

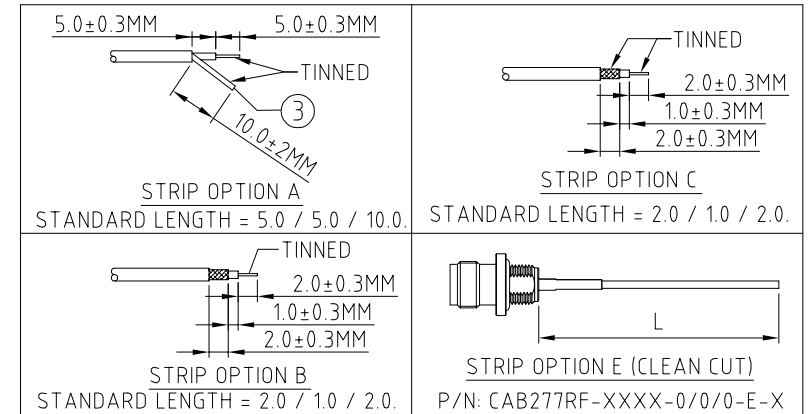
- FRONT MOUNT TNC BULKHEAD JACK WITH O-RING, P/N: RFCT-TNC007-F78.
- RG178 COAXIAL CABLE, COLOR: BROWN
- TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH = A (CENTRE CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM. LENGTH 6.0MM - 9.9MM: TWISTED BRAID. LENGTH +10MM: FLEXIBLE COPPER WIRE.

NOTES:

- STRIP DIMENSION A / B / C STANDS FOR
A = CENTRE CONDUCTOR
B = INSULATOR
C = BRAID.
- INSERTION LOSS TEST REPORT IS NOT AVAILABLE.
- THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GRADCONN FOR MORE INFORMATION.
- CENTRE CONDUCTOR AND TWISTED BRAID OF COAX CABLE IS TINNED. WHEN BRAID LENGTH EXCEEDS 10MM LENGTH OF TINNED COPPER WIRE IS SOLDERED TO THE BRAID/SHIELD OF THE COAX CABLE WHICH ALLOWS SOLDERING TO PCB.
- 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.
- OPERATING TEMPERATURE: -40°C TO +125°C
- IMPEDANCE: 50 OHM.



TNC DETAIL DRAWING



HOW TO ORDER

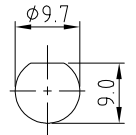
CAB277RF - X X X X - X.X / X.X / X.X - X - X

"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. = 0050, MAX. = 2000
STANDARD = 0100, 0150, 0200)
Tolerance: <50mm : ±2mm.
51-200mm: ±5mm.
201-500mm: ±7mm.
>501mm: ±10mm.

A/B/C STRIP DIMENSION IN MM
FOR STANDARD LENGTH PLEASE REFER TO DRAWINGS.
(SPECIALS AVAILABLE UPON REQUEST.)

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

STRIP AND TIN OPTIONS:
A = CENTER CONDUCTOR & TWISTED BRAID/SOLDERED COPPER WIRE TINNED (SEE NOTE 4 FOR SOLDER TO PCB APPLICATION)
B = STRIPPED, END A TINNED
C = STRIPPED, END A & C TINNED
E = CLEAN CUT



RECOMMENDED TNC MOUNTING HOLE

| | |
|-----------------|---------------------------|
| REV. DATE & DRN | 10 05/06/17 - NYW RELEASE |
| | 11 20/08/20 - NYW |
| | ADD NOTE 5. |
| | 12 26/04/21 - NYW |
| | ADD NOTE 6 & 7. |

| | | | |
|-------------------|----------------------|---|----------------------|
| Scale: NTS | THIRD ANGLE | Unstated Tolerances: .X N/A .XX N/A .XXX N/A ANGLES N/A | Material SEE NOTE |
| Drawn: NYW | | | |
| App'd: XXX | Title CABLE ASSEMBLY | NOT TO SCALE | |
| Date: 26 APR. '21 | Revision: 1.1 | Unit: mm | |

www.gradconn.com

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|---------------------|
| Type: Cable 277 RF |
| CABLE 277 RF |
| Drawing Number: |
| Sheet 1 of 1 |
| Drawing © E and O E |