

CAB609RF: ISOLATED TNC BULKHEAD JACK WITH O-RING RATED TO IP67 + RG178 CABLE TO STRIP/TIN

SPECIFICATIONS :

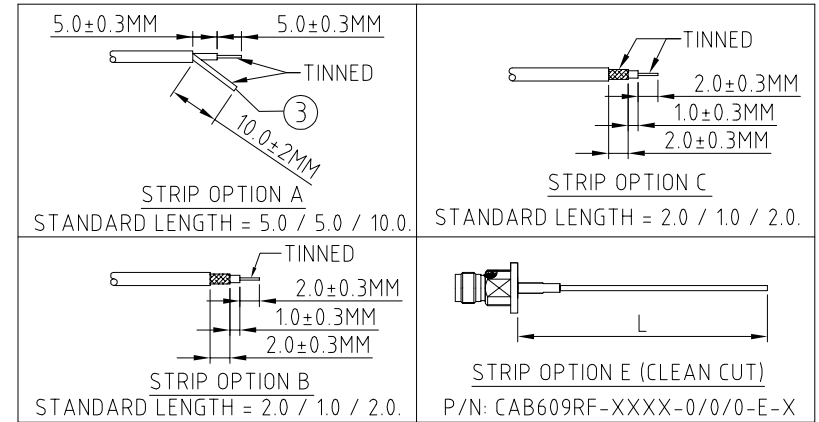
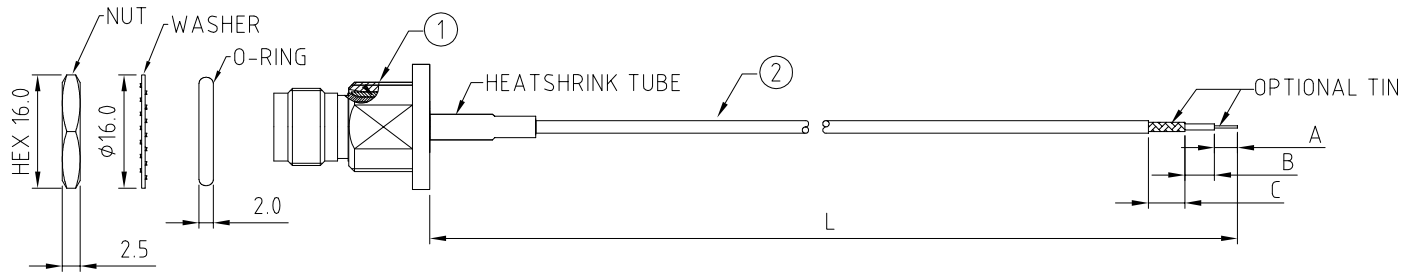
- ISOLATED TNC STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67, P/N: RFCT-TNC016-F78.
- RG178 COAXIAL CABLE, COLOR: BROWN.
- TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH = A (CENTRE CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM. LENGTH 6.0MM - 9.9MM: TWISTED BRAID. LENGTH +10MM: FLEXIBLE COPPER WIRE.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-TNC016-F78) RATED TO THE FOLLOWING SPECIFICATION:
- IP6X - DUST TIGHT - NO PARTICLE INGRESS.
  - IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.

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.
- OPERATING TEMPERATURE: -40°C TO +125°C.
- IMPEDANCE: 50 OHM.
- CARE SHOULD BE TAKEN NOT TO OVERTIGHTEN THE MATING CONNECTOR. OVERTIGHTENING RISKS COMPROMISING THE IP RATING OF THE CONNECTOR.



HOW TO ORDER

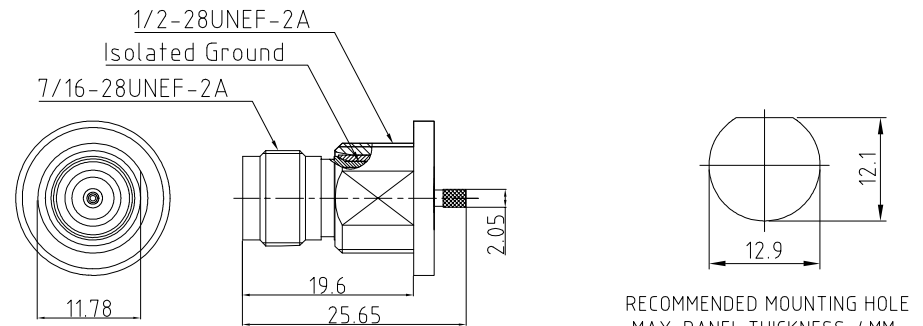
CAB609RF - X X X X - X.X / X.X / X.X - X - X

"L" LENGTH IN MM  
eg: 100MM = 0100  
(MIN.0050 - MAX. 2000  
STANDARD : 0100, 0150, 0200)  
TOLERANCE: 50MM: ±2MM  
51-200MM: ±5MM  
201-500MM: ±7MM  
501-999MM: ±10MM  
≥1000MM: ±(L x 0.02) MM

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



TNC DETAIL DRAWING

REV. DATE & DRN TO 14/11/23 - NYW RELEASE

Scale: NTS	THIRD ANGLE	Unstated Connector Tolerances: ±0.2 Strip ±0.3
Drawn: NYW		ANGLES N/A
App'd: XXX	Title CABLE ASSEMBLY	
Date: 14 NOV. '23	Revision: 1.0	Unit: mm

 IP67 Rated Cables	 www.gradconn.com	Drawing Number: CAB609RF
		Sheet 1 of 1
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