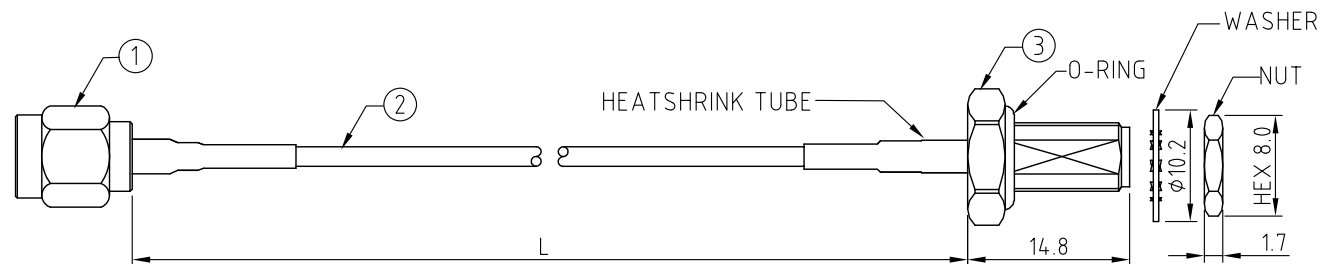


CABLE 243 RF: RF CABLE ASSEMBLY, SMA S/T MALE TO SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE OPTIONS

SPECIFICATIONS :

1. SMA STRAIGHT MALE, P/N:
FOR RG178 CABLE: RFCT-SMA022-M78.
FOR $\phi 1.13\text{MM}$ & $\phi 1.13\text{MM}$ LL CABLE: RFCT-SMA011-M13.
FOR $\phi 1.32\text{MM}$ DS CABLE: RFCT-SMA038-M32.
FOR $\phi 1.37\text{MM}$ CABLE: RFCT-SMA026-M37.
FOR RG174 CABLE: RFCT-SMA096-M74.
2. COAXIAL CABLE, SEE P/N FOR DETAIL.
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP6768, P/N:
FOR $\phi 1.13\text{MM}$ ~RG178 CABLE: RFCT-SMA002-F78.
FOR RG174 CABLE: RFCT-SMA002-F74.

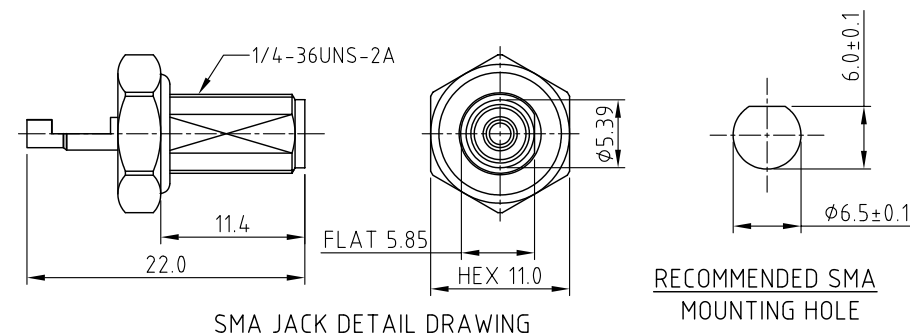


ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA002-Fxx)
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. WORKING FREQUENCY RANGE: DC~3GHz.
2. OPERATING TEMPERATURE: -40°C~-125°C (1.13MM~RG178 CABLE)
-20°C~-80°C (RG174 CABLE)
3. IMPEDANCE: 50 OHM.



HOW TO ORDER

CABLE 243 RF - X X X X - X - X

"L" LENGTH IN MM:

eq: 100MM = 0100

(MIN. 0050, MAX. 2000,

STANDARD = 0100, 0150, 0200)

Tolerance: 50mm: ± 2 mm.

51-200mm: $\pm 5\text{mm}$.

201-500mm: $\pm 7\text{mm}$.

>500mm: $\pm 10\text{mm}$.

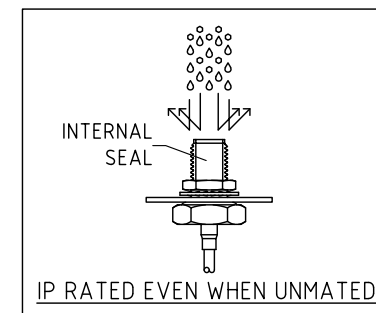
CABLE SIZE OPTIONS:

- 1 = RG178 CABLE, COLOR: BROWN
2 = ϕ 1.13MM CABLE, COLOR: GRAY
3 = ϕ 1.13MM LOW LOSS CABLE, COLOR: GRAY
4 = ϕ 1.32MM DS CABLE, COLOR: GRAY
5 = ϕ 1.37MM CABLE, COLOR: BLACK
6 = RG174 CABLE, COLOR: BLACK

WASHER AND NUT OPTIONS:

BLANK = SEPARATELY PACKED (STANDARD)

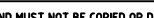
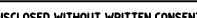
A = ALL ASSEMBLED WITH CONNECTOR



REV.	DATE	& DRN
10	09/08/'96 - R/H RELEASE	
11	31/07/'01 - NYW	
ADD	138M CABLE OPTIONS.	
12	22/11/'01 - NYW	
ADD	1320S CABLE OPTIONS.	
13	27/05/'19 - NYW	
ADD	OPERATING TEMP.	
14	20/09/'19 - NYW	
ADD	137 CABLE OPTION.	
15	26/11/'20 - NYW	
ADD	NOTE 3.	
16	19/10/'22 - NYW	
ADD	CABLE SIZE OPTION 6.	
17	03/03/'24 - CC	
ADD	IP RATING VIEW	
18	16/02/'25 - KY	
ADD	CT logo.	

Scale: NTS	THIRD ANGLE		Unstated X XX XXX ANGLES	Tolerances: N/A N/A N/A N/A
Drawn: KY				
App'd: XXX	Title CABLE ASSEMBLY			
Date: 16 FEB. '25	Revision: 1:8		Unit: mm	

IP Rated
RF Products

www.gct.co
www.gradconn.com

ENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Type: Cable 243 RF		
CABLE 243 RF		
Drawing Number:		
Sheet 1	of 1	
Drawing (C)	E and O E	