

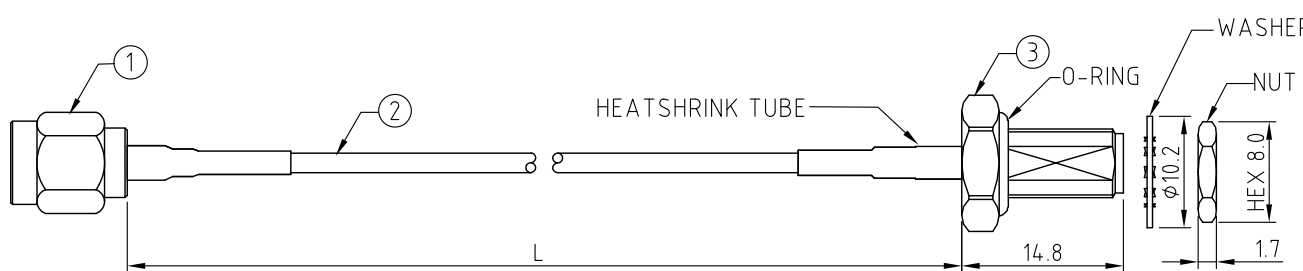
CABLE 243 RF: RF CABLE ASSEMBLY, SMA S/T MALE TO SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE OPTIONS

SPECIFICATIONS :

1. SMA STRAIGHT MALE, P/N:
FOR RG178 CABLE: RFCT-SMA022-M78.
FOR Ø1.13MM & Ø1.13MM LL CABLE: RFCT-SMA011-M13.
FOR Ø1.32MM DS CABLE: RFCT-SMA038-M32.
FOR Ø1.37MM 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 Ø1.13MM~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.

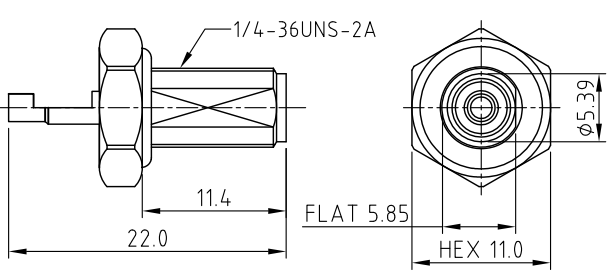
v. PRESSURE TEST - 1 BAR FOR 10 SECONDS.

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.



SMA JACK DETAIL DRAWING

RECOMMENDED SMA MOUNTING HOLE

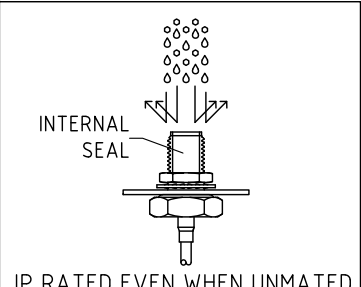
HOW TO ORDER

CABLE 243 RF - 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.
>500mm: ±10mm.

CABLE SIZE OPTIONS:
1 = RG178 CABLE, COLOR: BROWN
2 = Ø1.13MM CABLE, COLOR: GRAY
3 = Ø1.13MM LOW LOSS CABLE, COLOR: GRAY
4 = Ø1.32MM DS CABLE, COLOR: GRAY
5 = Ø1.37MM CABLE, COLOR: BLACK
6 = RG174 CABLE, COLOR: BLACK

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



INTERNAL SEAL

IP RATED EVEN WHEN UNMATED