

CABLE 196 RF: RF CABLE ASSEMBLY, MMCX R/A PLUG + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES

SPECIFICATIONS :

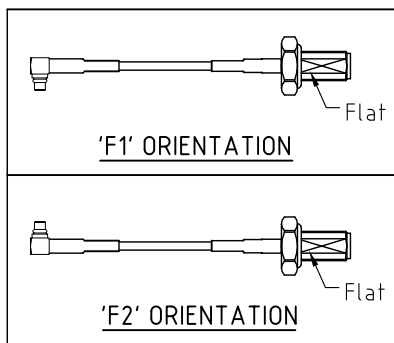
- MMCX RIGHT ANGLE PLUG, P/N:
FOR RG178, $\phi 1.37\text{MM}$ CABLES: RFCT-MMCX003-M78.
FOR $\phi 1.13\text{MM}$ LL, $\phi 1.13\text{MM}$ CABLES: RFCT-MMCX002-M13.
FOR RG316 CABLE: RFCT-MMCX004-M74.
- COAXIAL CABLE, SEE P/N FOR DETAIL.
- SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68,
P/N: FOR $\phi 1.13\text{-RG178}$ CABLE: RFCT-SMA002-F78. FOR RG316 CABLE:
RFCT-SMA002-F74.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA002-Fxx) TESTED TO THE FOLLOWING SPECIFICATION:
- IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.
 - IPX8 WATERPROOF FOR 12 HOURS AT 5 METERS UNDERWATER.
 - PRESSURE TEST - 1 BAR FOR 10 SECONDS.

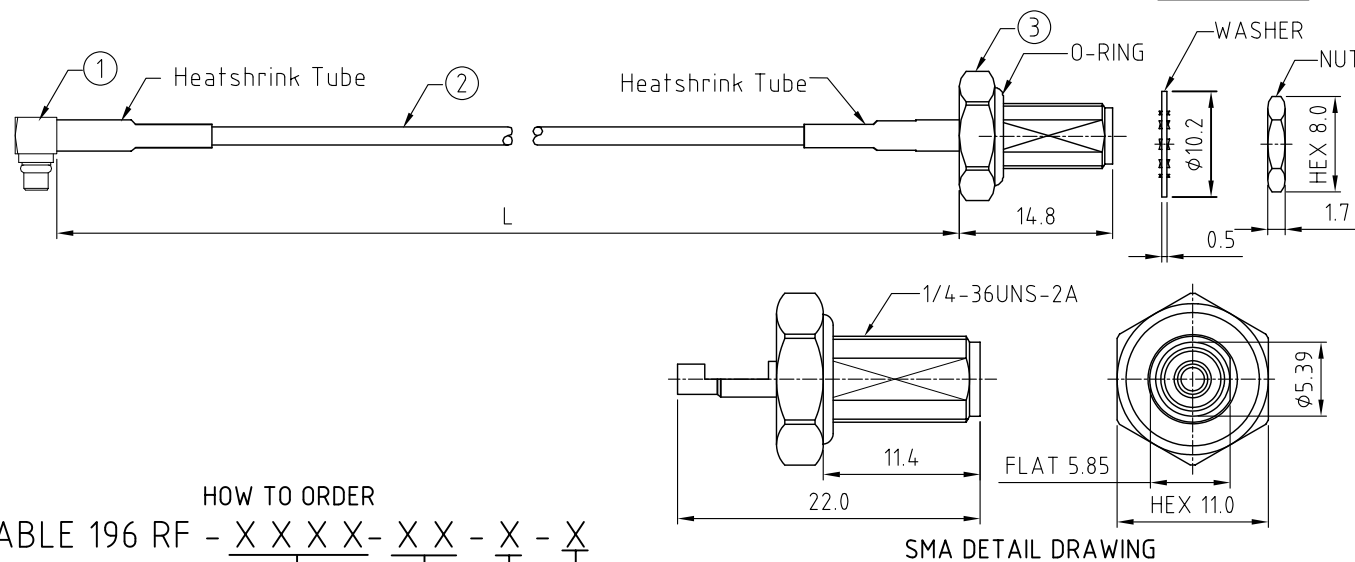
NOTES:

- THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
- FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
- CONTACT GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
- WORKING FREQUENCY RANGE: DC-3GHz.
- OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.



USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- HANDLE WITH CARE.
- DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

HOW TO ORDER
CABLE 196 RF - 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: $\pm 2\text{mm}$.
51-200mm: $\pm 5\text{mm}$.
201-500mm: $\pm 7\text{mm}$.
>501mm: $\pm 10\text{mm}$.

CABLE SIZE OPTIONS:

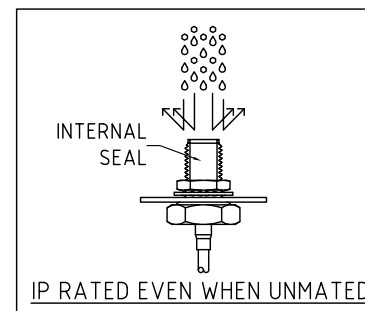
- RG178 CABLE, COLOR: BROWN.
- $\phi 1.13\text{MM}$ LOW LOSS CABLE, COLOR: GRAY.
- $\phi 1.37\text{MM}$ CABLE, COLOR: BLACK.
- $\phi 1.13\text{MM}$ CABLE, COLOR: GRAY.
- RG316 CABLE, COLOR: BROWN.

WASHER AND NUT OPTIONS:

- BLANK = SEPARATELY PACKED (STANDARD)
A = ALL ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

- BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MMCX CONNECTION DOWN (L=50-200MM)
F2 = MMCX CONNECTION UP (L=50-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



Type: Cable 196 RF

CABLE 196 RF

Drawing Number:

Sheet 1 of 1

Drawing © E and O E

Scale: NTS

Drawn: KY

App'd: XXX

Date: 16 FEB. '25

THIRD ANGLE

Title: CABLE ASSEMBLY

Revision: 2.0

Unstated
.X
.XX
.XXX
ANGLES

Tolerances:
N/A
N/A
N/A
N/A

Unit: mm

IP Rated
RF Products

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