

## CABLE 288 RF: HIROSE U.FL + RP SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES

## SPECIFICATIONS :

- HIROSE U.FL PLUG, P/N: FOR  $\phi 1.37\text{MM}$  CABLE: U.FL-LP-088.  
FOR  $\phi 1.13\text{MM}$  CABLE: U.FL-LP-068.  
FOR  $\phi 1.32\text{MM DS}$  CABLE: U.FL-LP-066.
- COAXIAL CABLE, SEE P/N OPTIONS.
- RP SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA008-F78.

## ENVIRONMENTAL:

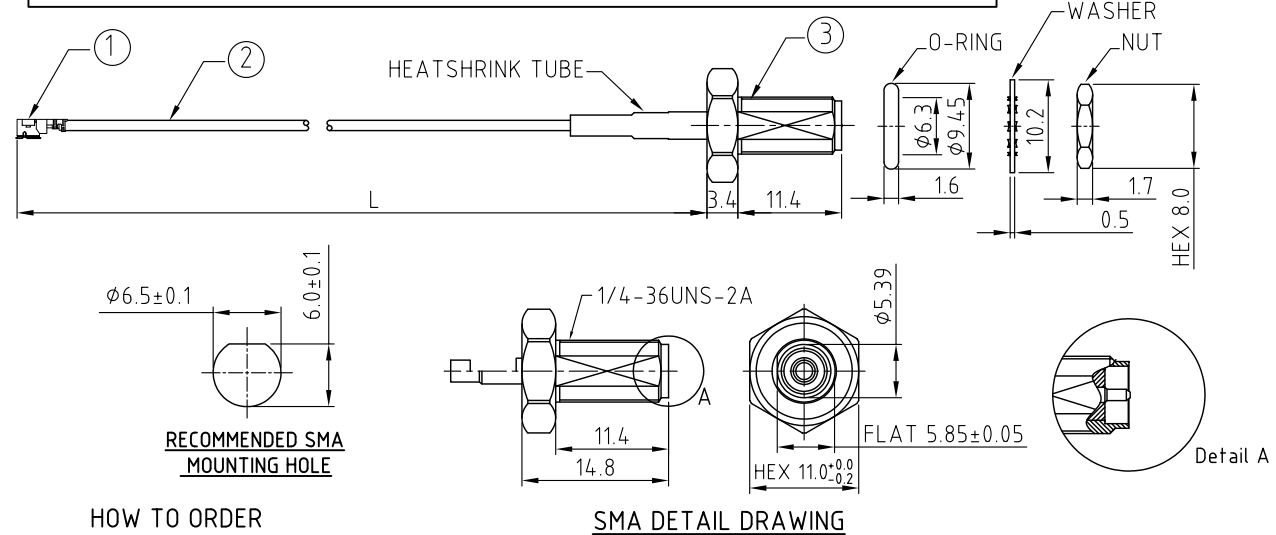
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA008-F78) TESTED TO THE FOLLOWING SPECIFICATION:
- IP6X - DUST TIGHT - NO PARTICLE INGRESS.
  - IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
  - IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.
  - IPX8 WATERPROOF FOR 12 HOURS AT 5 METERS UNDERWATER.
  - 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 25MM 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:  $-40^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$ .
- IMPEDANCE: 50 OHM.

## 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 288 RF - X X X - X X - X - X

"L" LENGTH IN MM:  
eg: 100MM = 100  
(MIN. 050-MAX.400)  
STANDARD = 100, 150, 200)  
Tolerance: 50-200mm:  $\pm 5\text{mm}$ .  
201-400mm:  $\pm 7\text{mm}$ .

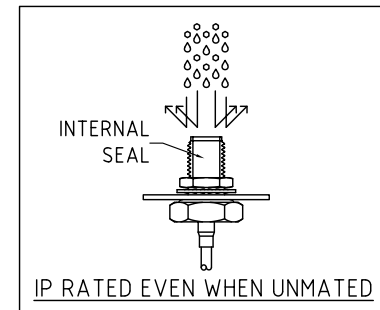
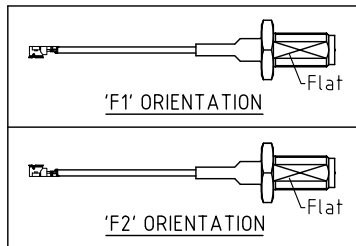
CABLE SIZE OPTIONS:  
1 =  $\phi 1.37\text{MM}$  CABLE, COLOR: BLACK.  
2 =  $\phi 1.13\text{MM}$  CABLE, COLOR: GRAY.  
3 =  $\phi 1.32\text{MM DS}$  CABLE, COLOR: GRAY

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

## ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION  
F1 = U.FL CONNECTION DOWN (L=25-200MM)  
F2 = U.FL CONNECTION UP (L=25-200MM)

(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



Scale: NTS

Drawn: KY

App'd: XXX

Date: 16 FEB. '25

THIRD ANGLE

Title CABLE ASSEMBLY

Revision: 1.3

Unstated  
.X  
.XX  
.XXX  
ANGLES

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

Unit: mm

IP Rated  
RF Products

www.gct.co

www.gradconn.com

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Type: Cable 288 RF

CABLE 288 RF

Drawing Number:

Sheet 1 of 1

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