

CABLE 375 RF: I-PEX MHF + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE OPTIONS, 6GHz

SPECIFICATIONS :

1. I-PEX MHF PLUG, P/N: 20278-112R-08 (FOR Ø0.81MM CABLE)
I-PEX MHF PLUG, P/N: 20278-112R-13 (FOR Ø1.13MM CABLE)
2. COAXIAL CABLE, SEE P/N OPTION.
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68,
P/N: RFCT-SMA069-F78.

ENVIRONMENTAL:

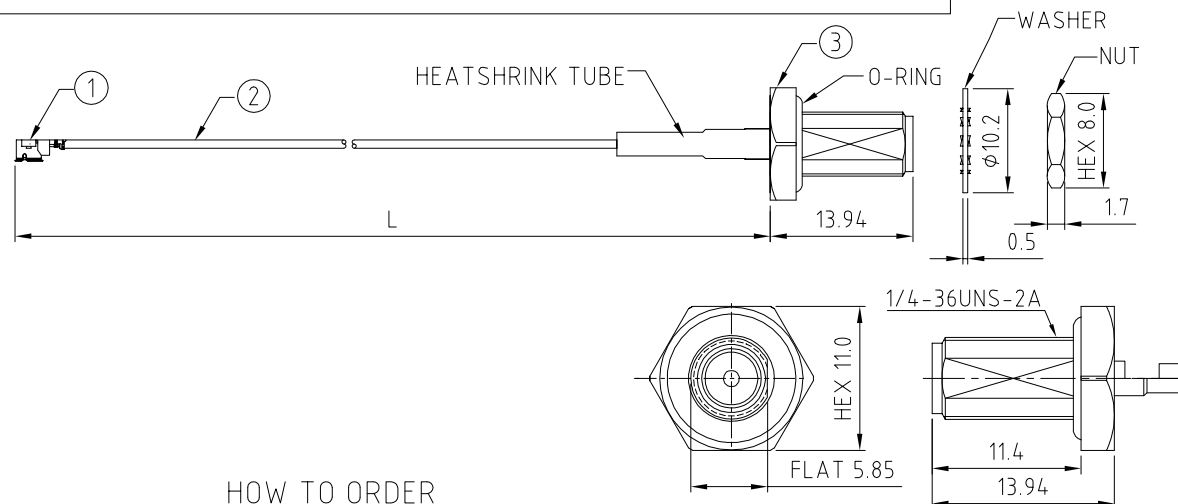
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA069-F78) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X – DUST TIGHT – NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY,
IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED
ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM.
PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz.
5. OPERATING TEMPERATURE: -40°C~+85°C.
6. IMPEDANCE: 50 Ohm.

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

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



HOW TO ORDER

CABLE 375 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: ± 5 mm.
201-400mm: ± 7 mm.

CABLE SIZE:

- 1 = ϕ 0.81MM CABLE, COLOR: GREY
2 = ϕ 1.13MM CABLE, COLOR: GREY

WASHER AND NUT OPTIONS:

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

ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION

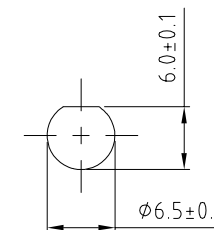
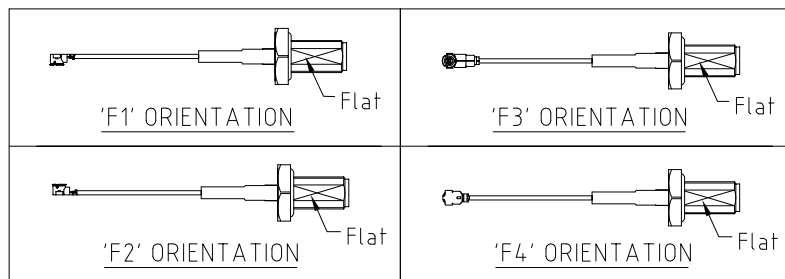
F1 = MHF CONNECTION DOWN (L=50-200MM)

F2 = MHF CONNECTION UP (L=50-200MM)

F3 = MHF CONNECTION AND D FLAT SAME ORIENTATION (L=50-200MM)

F4 = MHF CONNECTION AND D FLAT OPPOSITE ORIENTATION (L=50-200MM)

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



RECOMMENDED SMA
MOUNTING HOLE

REV. DATE & DRN 10 10/07/20 - NYW RELEASE 11 06/02/20 - AJO 12 28/06/20 - NYW 13 14/07/20 - NYW ADD NOTE 7 REMOVE NOTE 7 AMEND OPERATING TEMP.	Scale: NTS		THIRD ANGLE		Unstated Tolerances: N/A N/A XX N/A XXX N/A ANGLES N/A		 IP67/68 Rated Cables		 www.gradconn.com		Type: Cable 375 RF CABLE 375 RF Drawing Number: Sheet 1 of 1	
	Drawn: NYW											
	App'd: XXX		Title CABLE ASSEMBLY									
	Date: 14 JUL. '20		Revision: 1.3		Unit: mm		© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT				Drawing © E and O E	