COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET | RoHS Compliant

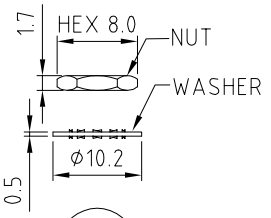
CABLE 395 RF: I-PEX MHF + RP SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES, 6GHz

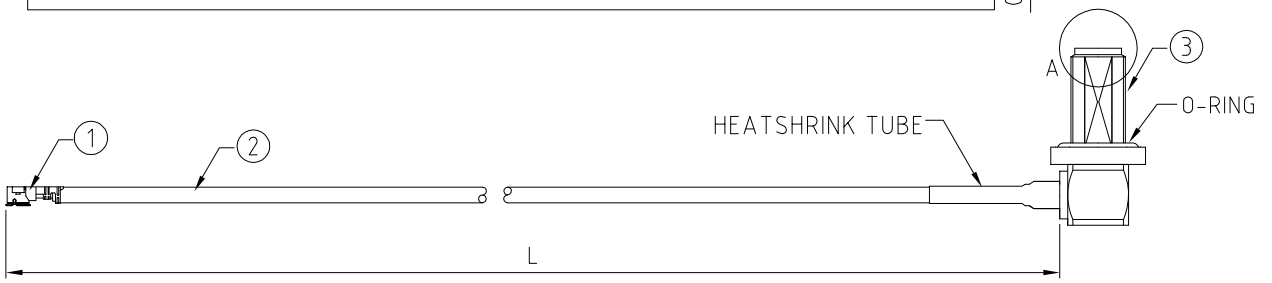
SPECIFICATIONS :
1. I-PEX MHF PLUG, P/N: FOR RG178 CABLE: 20278-112R-18, FOR ⌀1.13MM CABLE: 20278-112R-13.
2. COAXIAL CABLE, SEE P/N OPTION FOR DETAIL.
3. RP SMA RIGHT ANGLE BULKHEAD JACK WITH O-RING RATED TO IP67/68, GOLD PLATED, P/N:
FOR RG178 CABLE: RFCT-SMA077-F78.
FOR ⌀1.13MM CABLE: RFCT-SMA078-F13.

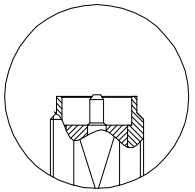
ENVIRONMENTAL:
A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA077-F78/ RFCT-SMA078-F13) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
- ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
- iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

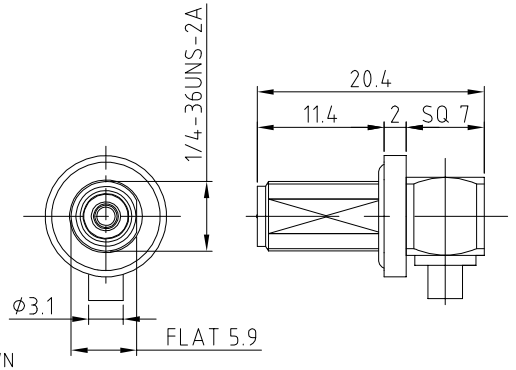
NOTES:
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRADCONN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

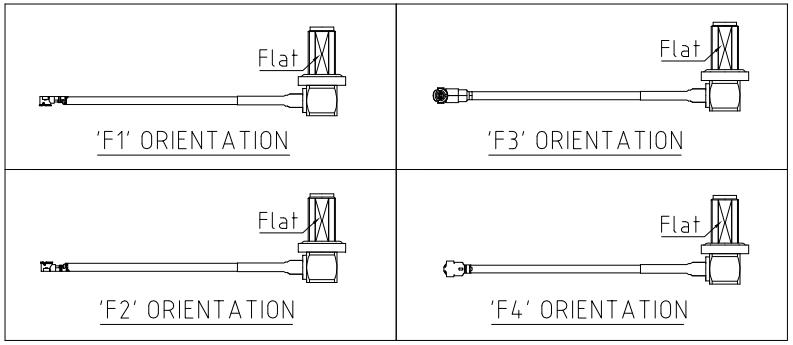





DETAIL A



SMA DETAIL DRAWING



HOW TO ORDER

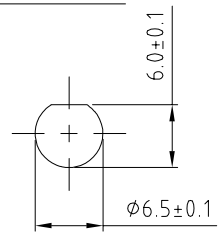
CABLE 395 RF - X X X - X X - X - X

"L" LENGTH IN MM:
eg: 100MM = 100
(MIN. 050-MAX.400
STANDARD = 100, 150, 200)
Tolerance: 50-200mm: ±5mm.
201-400mm: ±7mm.

CABLE SIZE:
1 = RG178 CABLE, COLOR: BROWN
2 = ⌀1.13MM CABLE, COLOR: GRAY

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

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = OPPOSITE ORIENTATION (L=50-200MM)
F2 = SAME ORIENTATION (L=50-200MM)
F3 = LEFT CONNECTION SAME AS D-FLAT (L=50-200MM)
F4 = LEFT CONNECTION OPPOSITE TO D-FLAT (L=50-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



RECOMMENDED SMA MOUNTING HOLE

REV.	DATE & DRN	
1.0	27/04/'20 - NYW	RELEASE
1.1	04/05/'20 - NYW	ADD CABLE OPTION 2.
1.2	24/07/'20 - NYW	AMEND OPERATING TEMP.

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A, .XX N/A, .XXX N/A, ANGLES N/A	NAUTILUS IP67/68 Rated Cables	Type: Cable 395 RF
Drawn: NYW			GRADCONN www.gradconn.com	CABLE 395 RF
App'd: XXX	Title CABLE ASSEMBLY			Drawing Number:
Date: 24 JUL. '20	Revision: 1.2	Unit: mm		Sheet 1 of 1

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Drawing © E and O E