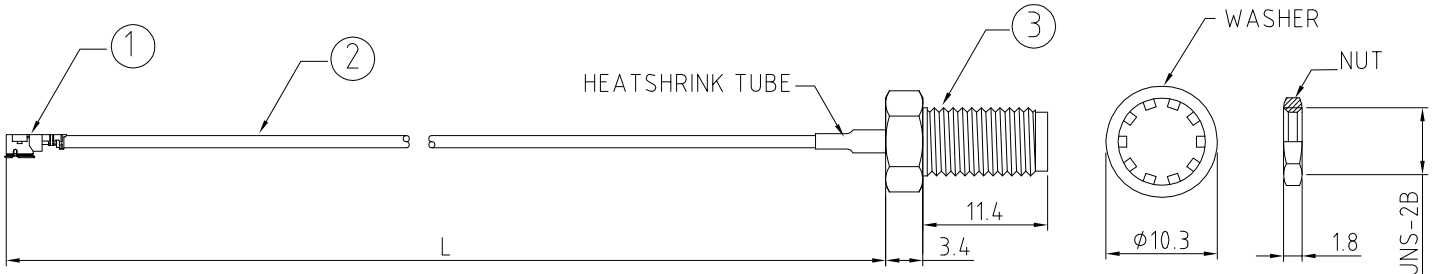
CABLE 348	CUSTOMER PRODUCT SPECIFICATION SHEET	RoHS Compliant

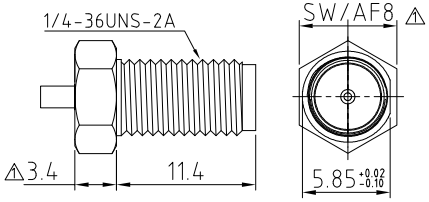
CABLE 348 RF: RF CABLE ASSEMBLY, I-PEX MHF + SMA BULKHEAD JACK + 1.13MM CABLE - 6GHz

SPECIFICATIONS:
1. IPEX MHF PLUG, P/N: 20278-112R-13.
2. Ø1.13MM COAXIAL CABLE, COLOR: GRAY.
3. SMA STRAIGHT BULKHEAD JACK, GOLD PLATED, P/N: RFCT-SMA059-F13.⚠

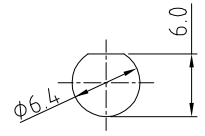
NOTES:
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 25MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRAD CONN 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
7. VSWR: 1.5 MAX.

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.

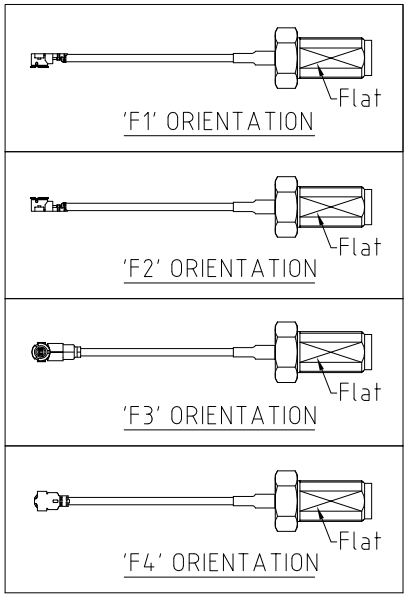




SMA JACK DETAIL DIMENSION



RECOMMENDED SMA MOUNTING HOLE



HOW TO ORDER

CABLE 348 RF - X X X - X X - X - 1

"L" LENGTH IN MM
eg: 100MM = 100
(MIN. 025-MAX.400
STANDARD = 100, 150, 200)
Tolerance: <50mm : ±3mm.
51-200mm: ±5mm.
201-400mm: ±7mm.

CABLE SIZE OPTIONS:
1 = Ø1.13MM CABLE, COLOR: GRAY.

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

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MHF CONNECTION DOWN (L=25-200MM)
F2 = MHF CONNECTION UP (L=25-200MM)
F3 = MHF CONNECTION AND D FLAT SAME ORIENTATION (L=25-200MM)
F4 = MHF CONNECTION AND D FLAT OPPOSITE ORIENTATION (L=25-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

REV.	DATE & DRN	
10	03/07/19 - NYW	RELEASE
11	21/04/'20 - NYW	ADD NOTES 5-7.
12	17/06/'20 - NYW	ADD IPEX & SMA P/N'S.
13	08/07/'20 - NYW	AMEND OPERATING TEMP.
14	26/08/'20 - NYW	⚠AMEND SMA P/N & DRAWING.
15	11/05/'21 - NYW	DRAWING MODIFICATION.

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X ±0.5 .XX ±0.2 ANGLES ±5	Material SEE NOTE
Drawn: NYW			
App'd: XXX	Title CABLE ASSEMBLY		NOT TO SCALE
Date: 11 MAY '21	Revision: 1.5		Unit: mm

GRADCONN
www.gradconn.com

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Type: Cable 348 RF
CABLE 348 RF
Drawing Number:
Sheet 1 of 1
Drawing © E and O E