

CABLE 348 RF: RF CABLE ASSEMBLY, I-PEX MHF I PLUG + SMA BULKHEAD JACK + MULTIPLE CABLE SIZES - 6GHz

SPECIFICATIONS:

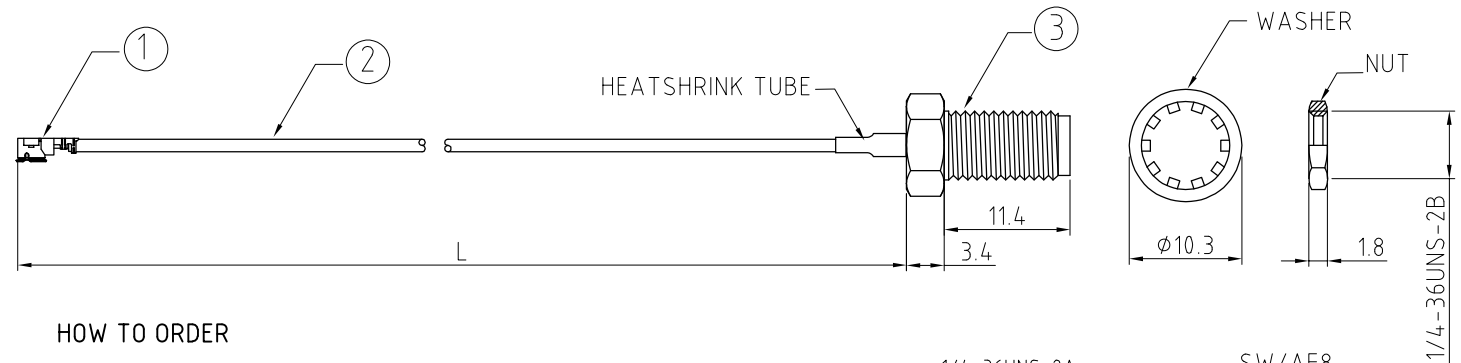
1. I-PEX MHF I PLUG, INTERMATEABLE WITH U.FL (UMCC)
P/N: FOR RG178 CABLE: 20278-112R-18,
FOR $\phi 1.13\text{MM}$ & $\phi 1.13\text{MM}$ LOW LOSS CABLE: 20278-112R-13
2. COAXIAL CABLE, SEE P/N OPTION FOR DETAIL.
3. SMA STRAIGHT BULKHEAD JACK, GOLD PLATED, P/N:
FOR RG178 CABLE: RFCT-SMA139-F78.
FOR $\phi 1.13\text{MM}$ & $\phi 1.13\text{MM}$ LOW LOSS CABLE:
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 GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz
5. OPERATING TEMPERATURE: -40°C TO $+85^{\circ}\text{C}$
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.



HOW TO ORDER

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

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

CABLE SIZE OPTIONS:

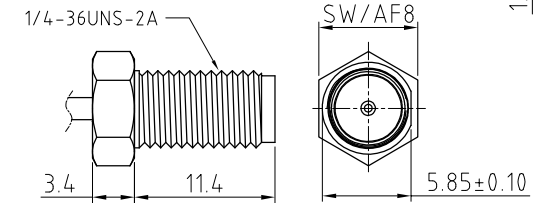
- 1 = $\phi 1.13\text{MM}$ CABLE, COLOUR: GREY
- 2 = RG178 CABLE, COLOUR: BROWN
- 3 = $\phi 1.13\text{MM}$ LOW LOSS CABLE, COLOUR: GREY
- 4 = $\phi 1.13\text{MM}$ CABLE, COLOUR: BLACK

WASHER AND NUT OPTIONS:

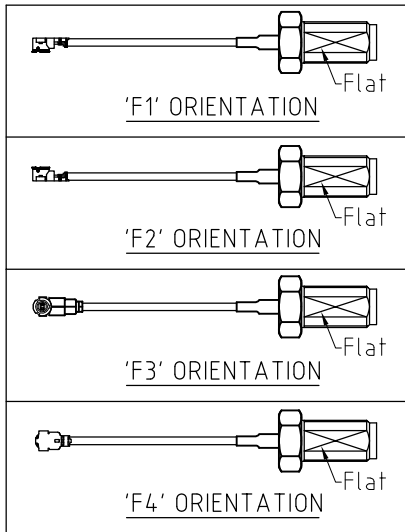
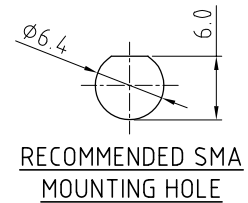
- BLANK = SEPARATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR
C = ACCESSORIES NOT SUPPLIED

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)



SMA JACK DETAIL DIMENSION



REV. DATE & DRN	10 03/07/19 - NYW RELEASE
11 04/07/19 - NYW	12 17/04/19 - NYW
13 08/07/20 - NYW	14 26/08/20 - NYW
15 10/07/21 - NYW	16 23/12/22 - CC
17 05/07/24 - CC	18 27/05/24 - CC
19 19/06/24 - CC	20 22/07/25 - CC
21 28/04/26 - CC	22 01/05/26 - CC
23 01/05/26 - CC	24 01/05/26 - CC
25 01/05/26 - CC	26 01/05/26 - CC
27 01/05/26 - CC	28 01/05/26 - CC
29 01/05/26 - CC	30 01/05/26 - CC
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91 01/05/26 - CC	92 01/05/26 - CC
93 01/05/26 - CC	94 01/05/26 - CC
95 01/05/26 - CC	96 01/05/26 - CC
97 01/05/26 - CC	98 01/05/26 - CC
99 01/05/26 - CC	100 01/05/26 - CC

Scale: NTS	THIRD ANGLE	Unstated .X .XX	Tolerances: ± 0.5 ± 0.2	Material SEE NOTE
Drawn: CC		ANGLES	± 5	
App'd: XXX	Title CABLE ASSEMBLY	NOT TO SCALE		
Date: 28 APR. '26	Revision: 2.1	Unit: mm		

 www.gct.co	 www.gradconn.com	Drawing Number: CABLE 348 RF	
		Sheet 1	of 1
		Drawing ©	E and O E