RoHS Compliant

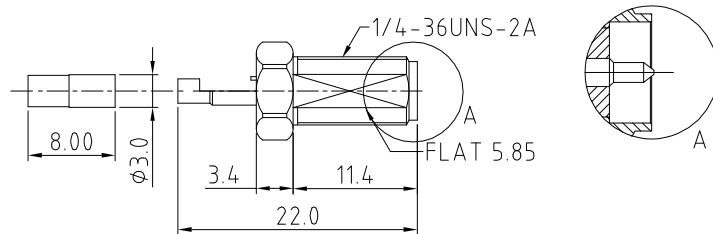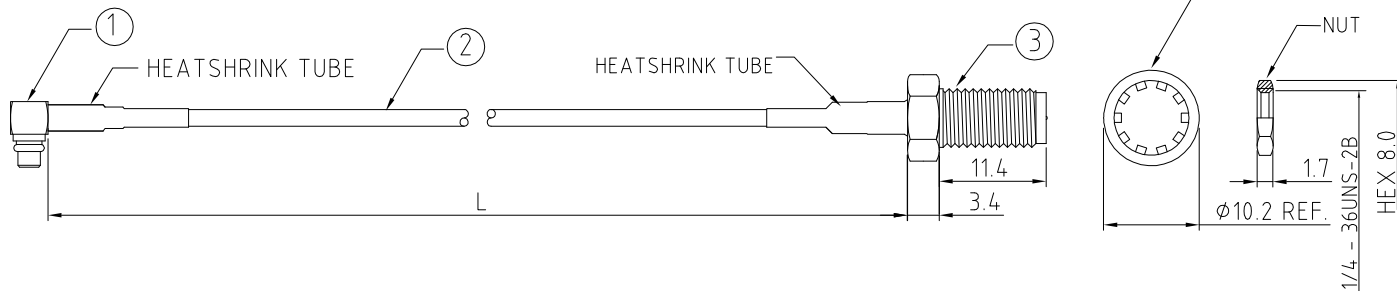# CABLE 159 RF: RF CABLE ASSEMBLY, MMCX RIGHT ANGLE PLUG + RP SMA BULKHEAD JACK + RG178 CABLE

SPECIFICATIONS
1. MMCX RIGHT ANGLE PLUG, P/N: C05BA3F178001

2. RG178 COAXIAL CABLE, COLOR: BROWN.

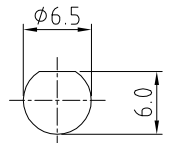3. RP SMA ST BULKHEAD JACK, P/N: C20ABWS178003B, GOLD

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 POSSIBLE FOR CABLE LENGTH 50MM TO 220MM. 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-3GHz.

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.

① HEATSHRINK TUBE ② HEATSHRINK TUBE ③

WASHER — NUT

L
11.4
3.4

Ø10.2 REF.
1.7
HEX 8.0
1/4 – 36UNS-2B

SMA JACK DETAIL DIMENSION
1/4-36UNS-2A
FLAT 5.85
8.00
Ø3.0
3.4
11.4
22.0
A

RECOMMENDED SMA MOUTING HOLE
Ø6.5
6.0

'F1' ORIENTATION — Flat

'F2' ORIENTATION — Flat

HOW TO ORDER

CABLE 159 RF – X X X X – X – XX – 1

CABLE SIZE:
1 = RG178 CABLE, BROWN
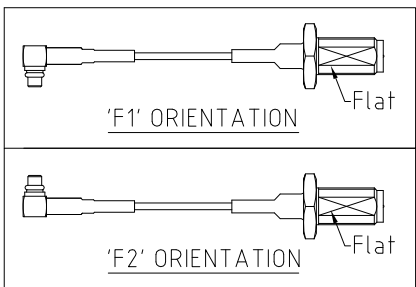
"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. = 0050, MAX. = 2000
STANDARD = 0100, 0150, 0200)
Tolerance: <50mm : ±2mm.
          51-200mm: ±5mm.
          201-500mm: ±7mm.
          >501mm: ±10mm.

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

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MMCX CONNECTION DOWN (L=50-220MM)
F2 = MMCX CONNECTION UP (L=50-220MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)