

CABLE 083 RF: RF CABLE ASSEMBLY, HIROSE U.FL + 1.13 CABLE + STRIP / TIN

SPECIFICATIONS :

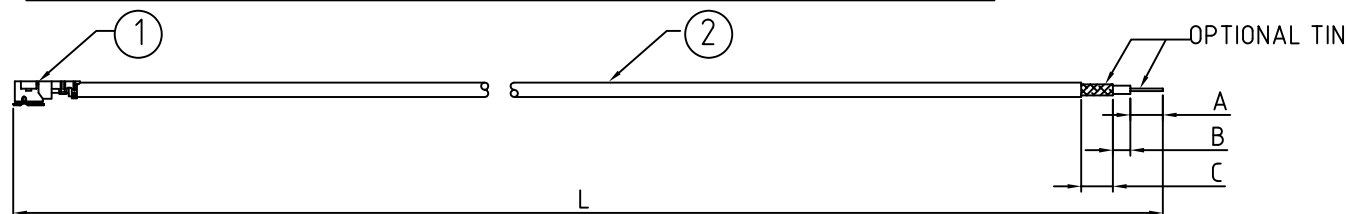
- HIROSE U.FL PLUG (U.FL-LP-068)
- 1.13MM COAXIAL CABLE, COLOR: GRAY
- TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH =
A (CENTER CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM.
LENGTH 6.0MM - 9.9MM: TWISTED BRAID.
LENGTH +10MM: FLEXIBLE COPPER WIRE.

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

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

NOTES:

- STRIP DIMENSION A / B / C STANDS FOR
A = CENTER CONDUCTOR
B = INSULATOR
C = BRAID.
- INSERTION LOSS TEST REPORT IS NOT AVAILABLE.
- THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GCT FOR MORE INFORMATION.
- CENTER CONDUCTOR AND TWISTED BRAID OF COAX CABLE IS TINNED. WHEN BRAID LENGTH EXCEEDS 10MM LENGTH OF TINNED COPPER WIRE IS SOLDERED TO THE BRAID/SHIELD OF THE COAX CABLE WHICH ALLOWS SOLDERING TO PCB.
- OPERATING TEMPERATURE: -40°C TO +85°C.
- IMPEDANCE: 50 OHM.



<p>STRIP OPTION A STANDARD LENGTH = 5.0 / 5.0 / 10.0.</p>	<p>STRIP OPTION C STANDARD LENGTH = 2.0 / 1.0 / 2.0.</p>	<p>STRIP OPTION F STANDARD LENGTH = 0 / 3.0 / 0.</p>
<p>STRIP OPTION B STANDARD LENGTH = 2.0 / 1.0 / 2.0.</p>	<p>STRIP OPTION E (CLEAN CUT) P/N: CABLE 083 RF-XXX-0/0/0-E</p>	

HOW TO ORDER

CABLE 083 RF - XXX - X.X / X.X / X.X - X

"L" LENGTH IN MM

eg: 100MM = 100

(MIN. 025 - MAX. 400

STANDARD : 100, 150, 200)

TOLERANCE: <50MM: ±2MM

51-200MM: ±5MM

201-400MM: ±7MM

A/B/C STRIP DIMENSION IN MM
FOR STANDARD LENGTH PLEASE
REFER TO DRAWINGS.
(SPECIALS AVAILABLE UPON
REQUEST.)

STRIP AND TIN OPTIONS:

A = CENTER CONDUCTOR & TWISTED BRAID/SOLDERED COPPER WIRE
TINNED (SEE NOTE 4 FOR SOLDER TO PCB APPLICATION)

B = STRIPPED, END A TINNED

C = STRIPPED, END A & C TINNED

E = CLEAN CUT

F = BRAID REMOVED, INSULATOR & CENTER CONDUCTOR CLEAN CUT

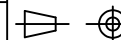
Scale: NTS

Drawn: CC

App'd: XXX

Date: 16 FEB. '25

THIRD ANGLE



Title CABLE ASSEMBLY

Revision: 2.0

Unstated
.X
.XX
.XXX
ANGLES
Tolerances:
N/A
N/A
N/A
N/A

Material

SEE NOTE

NOT TO SCALE

Unit: mm



www.gct.co



www.gradconn.com

Type: Cable 083 RF

CABLE 083 RF

Drawing Number:

Sheet 1 of 1

Drawing © E and O E

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