

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

SPECIFICATIONS :

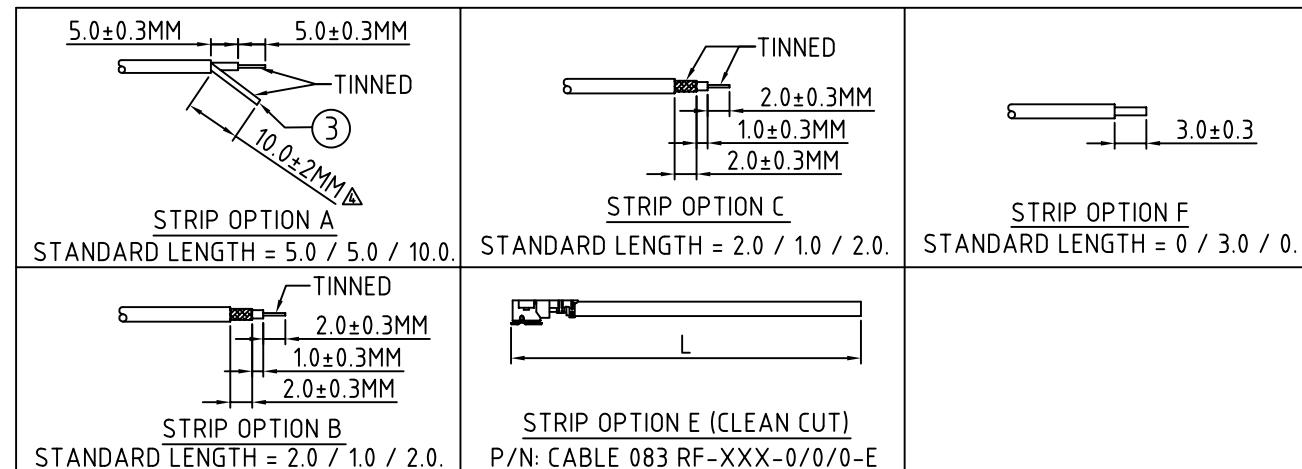
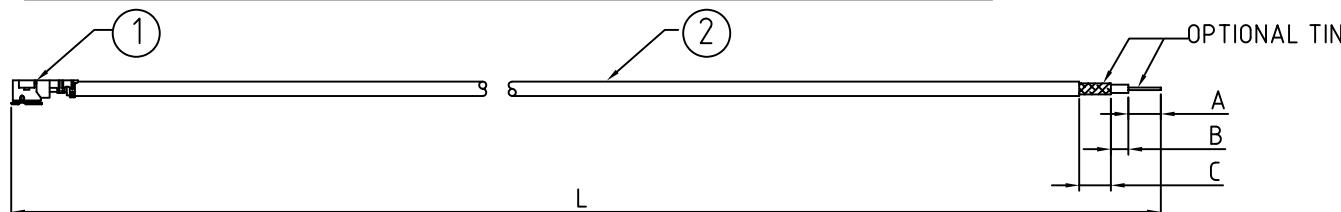
1. HIROSE U.FL PLUG (U.FL-LP-068)
2. 1.13MM COAXIAL CABLE, COLOR: GRAY
3. TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH = A (CENTER CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM. LENGTH 6.0MM - 9.9MM: TWISTED BRAID. LENGTH +10MM: FLEXIBLE COPPER WIRE.

NOTES:

1. STRIP DIMENSION A / B / C STANDS FOR
 - A = CENTER CONDUCTOR
 - B = INSULATOR
 - C = BRAID.
2. INSERTION LOSS TEST REPORT IS NOT AVAILABLE.
3. THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GCT FOR MORE INFORMATION.
4. 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.
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.



HOW TO ORDER

CABLE 083 RF - XXX - XX / XX / XX - X

"L" LENGTH IN MM

eg: 100MM = 100
(MIN. 025 - MAX. 400)

STANDARD : 100, 150, 200

TOLERANCE: <50MM: ± 2 MM51-200MM: ± 5 MM201-400MM: ± 7 MM

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

REV & DRN	10 26/10/99 - NYW RELEASE	11 21/10/99 - NYW REMOVE STRIP OPTION	12 30/10/99 - NYW ADD STRIP OPTIONS B, C
13 26/11/99 - NYW ADD 10MM PLACE TO STRIP LENGTH.	14 1/10/71 - NYW AMEND 10MM TOLERANCE.	15 19/05/15 - NYW REMOVE STRIP OPTION A.	16 27/01/17 - NYW ADD STRIP OPTION E.
17 29/01/19 - NYW CHANGE CABLE COLOR TO GRAY	18 7/07/23 - NYW ADD STRIP OPTION F.	19 8/01/23 - NYW ADD 10MM TOLERANCE.	20 16/02/25 - CC Add GCT Log.

Scale: NTS	THIRD ANGLE	Unstated X XX XXX ANGLES	Tolerances: N/A N/A N/A N/A	Material SEE NOTE	Type: Cable 083 RF
Drawn: CC					CABLE 083 RF
App'd: XXX	Title CABLE ASSEMBLY		NOT TO SCALE		Drawing Number:
Date: 16 FEB. '25	Revision: 2.0	Unit: mm			Sheet 1 of 1

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Drawing (C) E and O E