



CABLE 084 RF: RF CABLE ASSEMBLY, IPEX MHF + 1.13 CABLE + STRIP / TIN

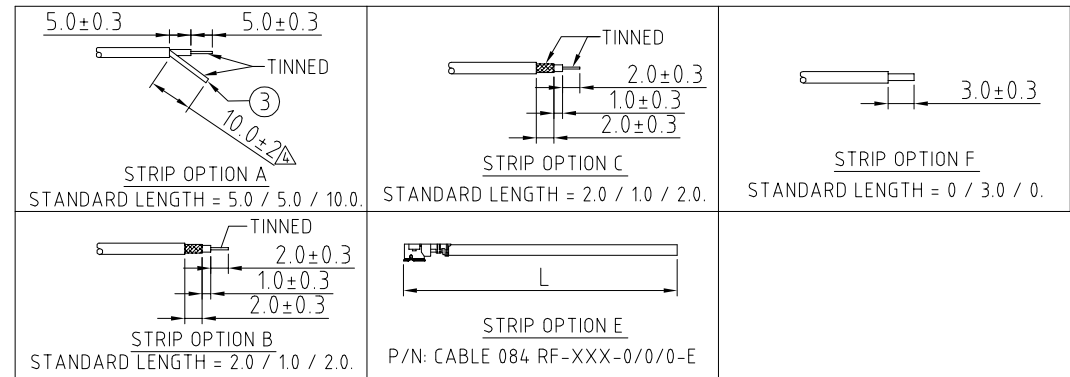
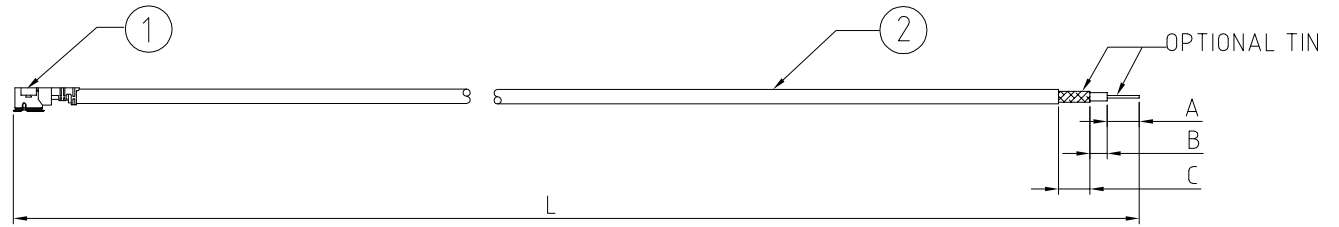
SPECIFICATIONS:

- 1-PEX MHF PLUG (20278-112R-13)
- 1.13MM COAXIAL CABLE, COLOR: BLACK
- TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH = A (CENTRE 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:
 (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.

NOTES:

1. STRIP DIMENSION A / B / C STANDS FOR
 A = CENTRE 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 GRADCONN FOR MORE INFORMATION.
4. CENTRE 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.



HOW TO ORDER

CABLE 084 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

REV. DATE & DRN
10 26/10/09 - NYW RELEASE
11 27/10/09 - NYW REMOVE B STRIP OPTION
12 30/10/09 - NYW ADD STRIP OPTIONS B, C
13 26/11/09 - NYW ADD 1 DECIMAL PLACE TO STRIP DIMENSION
14 11/07/11 - NYW AMEND TOLERANCE
15 19/05/15 - NYW AMEND STRIP OPTION A, B AND STRIP OPTION F
16 09/09/16 - NYW ADD STRIP OPTION F
17 30/07/23 - NYW ADD STRIP OPTION E
18 08/07/24 - NYW ADD NOTES 5 & 6.

Scale: NTS	THIRD ANGLE	Unstated X .XX .XXX ANGLES	Tolerances: N/A N/A N/A N/A	Material SEE NOTE
Drawn: NYW				
App'd: XXX	Title: CABLE ASSEMBLY	NOT TO SCALE		
Date: 8 JAN '24	Revision: 18	Unit: mm		

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Type: Cable 084 RF
CABLE 084 RF
Drawing Number:
Sheet 1 of 1
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