



CABLE 157 RF: RF CABLE ASSEMBLY, IPEX MHF + 1.32 DUAL SHIELD CABLE + STRIP / TIN

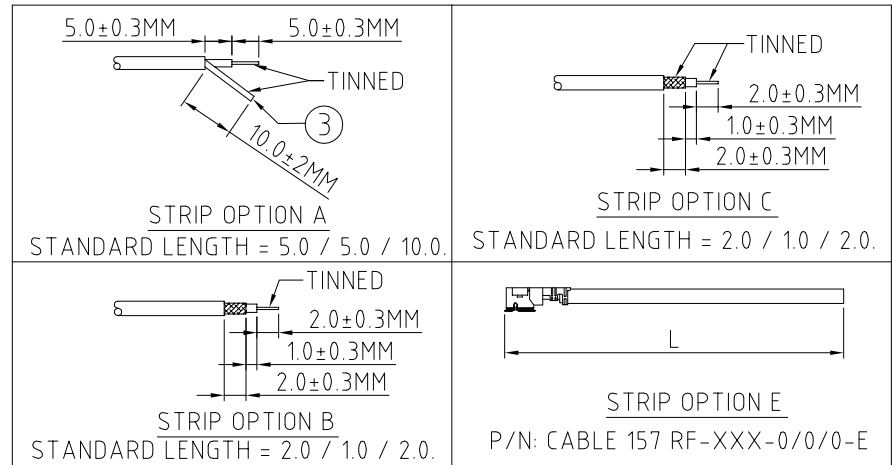
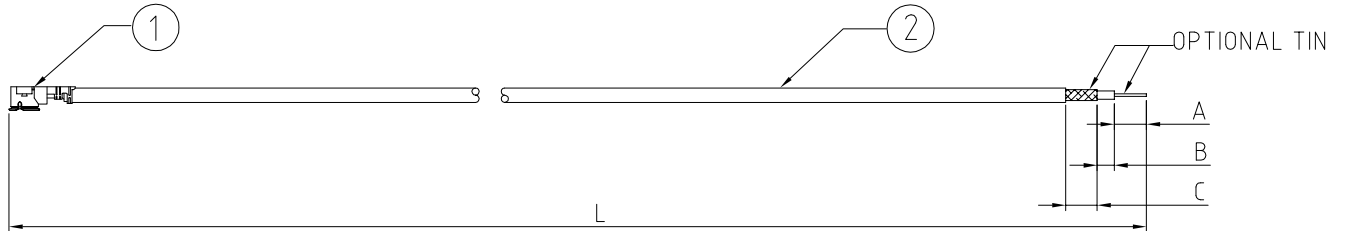
SPECIFICATIONS :

- 1- I-PEX MHF PLUG (P/N: 20278-112R-32)
- 1.32MM DUAL SHIELD COAXIAL CABLE, COLOR: GRAY
- 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 157 RF - X X X - X.X / X.X / X.X - X

"L" LENGTH IN MM  
 eg: 100MM = 100  
 (MIN. 050 - 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

REV. DATE & DRN  
 10 29/10/13 - NYW RELEASE  
 11 22/05/15 - NYW REMOVE STRIP OPTION 'D', AMEND STRIP OPTION 'A'.  
 12 01/07/23 - NYW ADD STRIP OPTION E.

Scale: NTS	THIRD ANGLE	Unstated Connector Tolerances: ±0.2 STRIP ±0.3	Material SEE NOTE
Drawn: NYW		ANGLES ±5	
App'd: XXX	Title CABLE ASSEMBLY	NOT TO SCALE	
Date: 1 DEC. '23	Revision: 1.2	Unit: mm	

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Type: Cable 157 RF
CABLE 157 RF
Drawing Number:
Sheet 1 of 1
Drawing © E and O E