

CAB627RF: IPEX MHF I PLUG + ϕ 0.81MM CABLE + STRIP / TIN, 6GHz

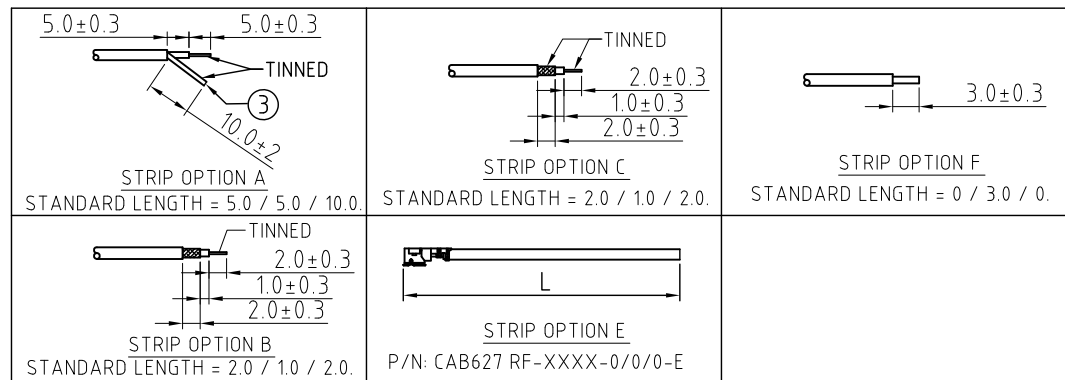
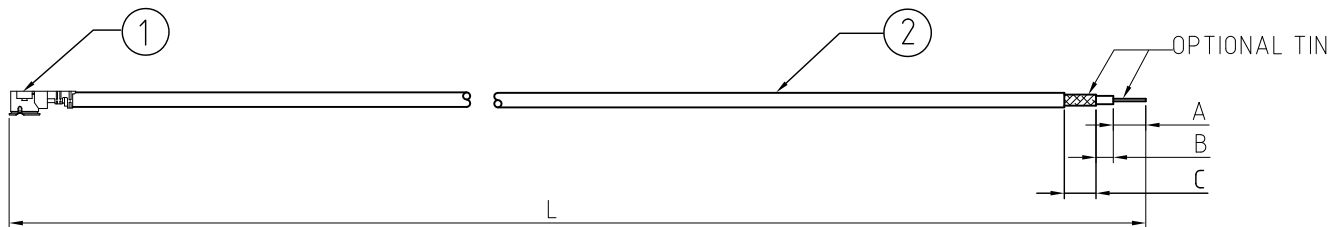
SPECIFICATIONS:

1. I-PEX MHF I PLUG, P/N: 20278-112R-08
2. ϕ 0.81MM COAXIAL CABLE, COLOR: GRAY
3. 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 THE COAX CABLE WHICH ALLOWS SOLDERING TO PCB.
5. OPERATING TEMPERATURE: -40°C TO +85°C.
6. IMPEDANCE: 50 OHM.
7. WORKING FREQUENCY RANGE: DC-6GHz.



HOW TO ORDER

CAB627RF - X X X X - X.X / X.X / X.X - X

"L" LENGTH IN MM
 eg: 100MM = 0100
 (MIN.0050-MAX.0400)
 STANDARD = 0100, 0150, 0200
 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 23/07/24 - NYW RELEASE
 11 25/04/24 - CC
 Add frequency data to title

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: 25 APR. '24	Revision: 1.1			Unit: mm

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Drawing Number: CAB627RF	
Sheet 1	of 1
Drawing ©	E and O E