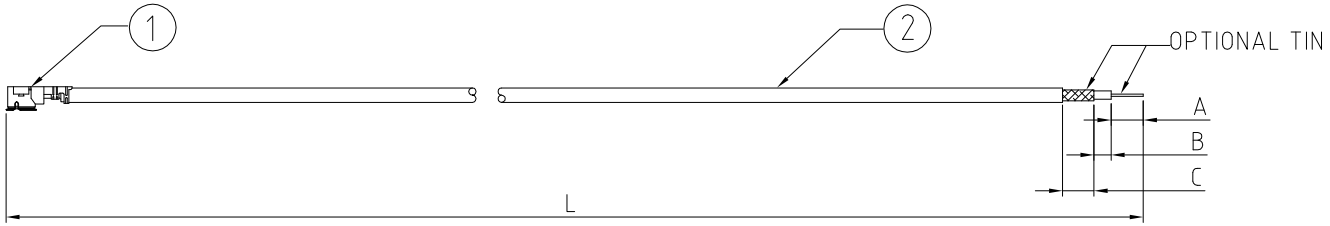
Cable 156	CUSTOMER PRODUCT SPECIFICATION SHEET	RoHS Compliant

CABLE 156 RF: RF CABLE ASSEMBLY, HIROSE U.FL + 1.32 DUAL SHIELD CABLE + STRIP / TIN

SPECIFICATIONS :
1. HIROSE U.FL PLUG (P/N: U.FL-LP-066)
2. 1.32MM DUAL SHIELD 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.



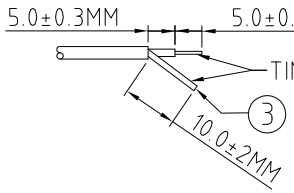
NOTES:

1. STRIP DIMENSION A / B / C STANDS FOR
A = CENTRE CONDUCTOR
B = INSULATOR
C = BRAID.

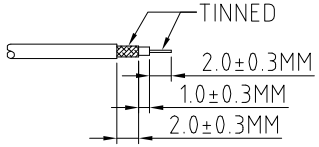
2. INSERTION LOSS TEST REPORT IS NOT AVAILABLE.

3. THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GRADCONN FOR MORE INFORMATION.

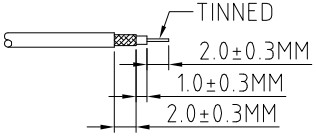
4. CENTRE CONDUCTOR AND TWISTED BRAID OF COAX CABLE IS TINNED. WHEN BRAID LENGTH EXCEEDS 10MM LENGTH OF TINNED COPPER WIRE IS SOLDERED TO THE BRAID/SHIELD OF THE COAX CABLE WHICH ALLOWS SOLDERING TO PCB.



STRIP OPTION A
STANDARD LENGTH = 5.0 / 5.0 / 10.0.



STRIP OPTION C
STANDARD LENGTH = 2.0 / 1.0 / 2.0.



STRIP OPTION B
STANDARD LENGTH = 2.0 / 1.0 / 2.0.

HOW TO ORDER

CABLE 156 RF - X X X - 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

REV.	DATE & DRN	
1.0	29/10/13 - NYW	RELEASE
1.1	22/05/15 - NYW	REMOVE STRIP OPTION 'D'. REMOVE STRIP OPTION 'A'.

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X ±0.2, .XX ±0.1, .XXX ±0.05, ANGLES ±5	Material SEE NOTE	Type: Cable 156 RF
Drawn: NYW				CABLE 156 RF
App'd: XXX	Title CABLE ASSEMBLY		NOT TO SCALE	Drawing Number:
Date: 22 MAY '15	Revision: 1.1		Unit: mm	Sheet 1 of 1

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