

5

4

3

2

1

NOTES:

1. MATERIALS AND FINISHES:  
75 OHM MCX RA PLUG - BeCu, GOLD PLATING  
CABLE - BELDEN 4855R

2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM

3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-900-551-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNBY

ARELEASE TO MFG.10-JUN-2115742KR

SCALE 0.500

HEAT SHRINK TUBE  
TYP(2)

25.40±1.27  
[1.000±0.050]  
TYP(2)

LENGTH 'L' (SEE TABLE)

INTERFACE PER  
MCX PLUG  
TYP(2)

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 12 GHz

☒ CONTINUITY

☐ VSWR: \_\_\_\_ 1 MAX.

☒ HI-POT: 250 VRMS

☐ INS. LOSS:\_\_\_\_ dB MAX.

☐ OTHER

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-900-551-006	-	6.00 [0.152]
-	95-900-551M025	9.84 [0.250]
95-900-551-012	-	12.00 [0.305]
95-900-551-018	-	[18.00 [0.457]
-	95-900-551M050	19.69 [0.500]
95-900-551-024	-	24.00 [0.610]
-	95-900-551M075	29.53 [0.750]
95-900-551-036	-	36.00 [0.914]
-	95-900-551M100	39.37 [1.000]
95-900-551-048	-	48.00 [1.219]
-	95-900-551M200	78.74 [2.000]
-	95-900-551M300	118.11 [3.000]

TOLERANCE TABLE

LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:  
<0.5mm = ±0.05mm [ $<0.020 = \pm 0.002$ ]  
>0.5 - 6mm = ±0.1mm [ $>0.020 - 0.236 = \pm 0.004$ ]  
>6.00 - 30mm = ±0.2mm [ $>0.236 - 1.181 = \pm 0.008$ ]  
>30.00 - 120mm = ±0.3mm [ $>1.181 - 4.725 = \pm 0.012$ ]

ANGLES = ±1°

MATERIAL  
SEE NOTES

ENGINEER  
DINESH A

DATE  
08-MAY-21

TITLE  
75 OHM MCX RA PLUG TO  
75 OHM MCX RA PLUG  
USING BELDEN 4855R CABLE  
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.8:1.0

Amphenol RF

SIZE  
B

DRAWING NO. 95-900-551-XXX  
ITEM NO. 95-900-551-XXX  
PART NO. 95-900-551-XXX

REV  
A

THIRD ANGLE PROJ.

REFERENCE

EAR#  
10680

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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