

5

4

3

2

1

NOTES:

1. MATERIALS AND FINISHES:
MCX RA PLUG - BeCu, GOLD PLATING
MCX STR PLUG - BeCu, GOLD PLATING
CABLE - RG 174

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-900-546-XXX AND DATE CODE"

SCALE 0.700

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

25.40±1.27
[1.000±0.050]
TYP(2)

INTERFACE PER
MCX PLUG
TYP(2)

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 1 GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 750 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-900-546-006	-	6.00 [0.152]
-	95-900-546M025	9.84 [0.250]
95-900-546-012	-	12.00 [0.305]
95-900-546-018	-	18.00 [0.457]
-	95-900-546M050	19.69 [0.500]
95-900-546-024	-	24.00 [0.610]
-	95-900-546M075	29.53 [0.750]
95-900-546-036	-	36.00 [0.914]
-	95-900-546M100	39.37 [1.000]
95-900-546-048	-	48.00 [1.219]
-	95-900-546M200	78.74 [2.000]
-	95-900-546M300	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%

Amphenol RF

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

MCX RA PLUG TO
MCX STR PLUG
USING RG 174 CABLE
VARIOUS LENGTH

SEE TABLE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [$<0.020 = \pm0.002$]
>0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm0.004$]
>6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm0.008$]
>30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm0.012$]
ANGLES = ±1°

ENGINEER
VIJAY N M

DATE
07-MAY-21

TITLE

MCX RA PLUG TO
MCX STR PLUG
USING RG 174 CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.5:1.0

SIZE
B

DRAWING NO. 95-900-546-XXX
ITEM NO. 95-900-546-XXX
PART NO. 95-900-546-XXX

REV
A

THIRD ANGLE PROJ.

REFERENCE

EAR#
10675

5

4

3

2

1

Downloaded from Arrow.com