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NOTE:
DATA MARKED BY AN ASTERISK (*) ARE FOR INFORMATION ONLY. CONTRACTOR MAY, AT HIS OPTION, DEVIATE FROM THESE DETAILS

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A ₁	A ₁ - BRAID WAS SHIELD; SHIELD WAS BRAID	15 OCT 59	42428-PC-59 2A1-51
-	RETRACED, NO CHANGE	10 JULY 62	21582-PC-61 REV'D
B ₁	B ₁ - ADDED WORD COLOR		21582-PC-61 REV'D PME
C ₁	C ₁ - STRANDED WAS COPPERWELD	21 NOV 1966	6-00189 REV'D PME

NOTES:

1. MAY BE # 93-3902 AS SUPPLIED BY MICRODOT DIVISION, SOUTH PASADENA, CALIF, OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS.

DESCRIPTION: MINIATURE COAXIAL CABLE FOR RADIO FREQUENCIES

NOMINAL CAPACITANCE: 144 UUF / FT. ± 0.5 UUF / FT.

NOMINAL IMPEDANCE: 93 OHMS + 2 OHMS

DIELECTRIC STRENGTH: 1000 VOLTS RMS

CORONA VOLTAGE: 850 VOLTS RMS

ATTENUATION: 17.0 DB / 100 FT. MAX AT 400 MC

CONSTRUCTION:

(A₁)

INNER CONDUCTOR: # 29 AWG SILVER PLATED STRANDED WIRE
 NOMINAL DIA. 0.0113 INCH.
 INSULATION: EXTRUDED TEFLON, 0.095 O.D. ± 0.002 INCH, AS SUPPLIED BY E.I. DU PONT DE NEMOURS AND CO., INC., WILMINGTON 95, DEL. OR EQUAL.
 BRAID: SINGLE BRAID 0.115 INCH MAX O.D.
 SHIELD: SILVER COATED COPPER WIRE
 WIRE: # 38 AWG
 CARRIERS: 16
 PICKS / INCH: 25 ± 10%
 JACKET: NYLON, 0.120 INCH NOMINAL O.D.
 JACKET COLOR: PINK

(C₁)

(B)

NO. 15000659

REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC
LIST OF MATERIAL				

UNLESS OTHERWISE SPECIFIED		COLLINS RADIO CO CEDAR RAPIDS IOWA		CABLE - PINK		DEPARTMENT OF THE ARMY U. S. ARMY SIGNAL MATERIEL SUPPORT AGENCY FORT MONMOUTH NEW JERSEY	
DIMENSIONS ARE IN INCHES		M216-PH-51-93					
TOLERANCES ON		SIGNAL CORPS					
FRACTIONS DECIMALS ANGLES		REVIEWED PME					
SM-E-249101		DRAWN BY <i>Hamer</i>		APPROVED HLY PME		SM-B-283211	
SM-D-248991	SC-DL-248775	DATE					
NEXT ASSY	USED ON	CHECKED BY <i>R...</i>		DATE 5 MAR 56		CODE 80063	
APPLICATION		APPROVED BY		SCALE			

WHEN REFERRING TO THIS DRAWING STATE DRAWING NO., APPLICABLE ISSUE SYMBOL, IF ANY, AND DATE.