

STATION CORDS ALL TYPES

1. GENERAL

1.01 This section covers general information pertaining to all types of station cords. It is reissued to include colored plastic retractile and extra length colored cords. Cords for all 400- and 500-type key telephone sets are also included. Marginal arrows have been omitted, due to extensive changes.

1.02 A neoprene jacket and rubber insulated conductors are generally used on black cords having six or less conductors. The conductor insulation is of a solid color such as red, yellow, etc. Conductors having four small ridges moulded in the rubber are called double colored conductors, such as red-red or yellow-yellow.

1.03 A vinyl plastic jacket and plastic insulated conductors are generally used on cords of six or more conductors, and on colored cords. The conductor insulation is either a solid color or striped.

1.04 A cotton fabric jacket is used on some cords. Cords of this type with ten or less conductors generally have rubber conductor insulation. This group includes the colored fabric cords for the 200- and 300-type telephone sets. Cotton-covered cords for key telephone sets, with over ten conductors, have conductors insulated with colored yarn covered with transparent plastic.

1.05 Cotton-covered cords may be used as furnished with equipment unless the extra moisture resistance or durability of the waterproof-jacketed cords is desired.

2. CODE NUMBERS

2.01 The characters in the code numbers for cords, such as D3BB-3 have the following significance:

- (a) The first character designates the principle use as follows:

D—Telephone Set Mounting Cord
H—Handset Cord
L—Operator's Telephone Set Cord
M—Miscellaneous Cord
R—Receiver Cord
T—Transmitter Cord

W—Test Cord

- (b) The second character corresponds to the number of conductors in the cord.
(c) The third character unit which may consist of one or two letters having no special significance, is assigned to indicate physical structure of the cord.
(d) The dash number indicates the color as follows:

<u>Cotton Covered</u>		<u>Neoprene or Plastic Jacket</u>
-3 Black	-16 Old Rose	-3 Black
-4 Ivory	-18 Dark Blue	-50 Ivory
-8 Silver	-19 Gray Green	-52 Gray
-9 Brown	-20 Pekin Red	-54 Brown
-12 Dark Gold		

3. LENGTH OF CORDS

3.01 Telephone set mounting cords have a standard length of approximately 5-1/2 feet. Some mounting cords are also available in 9-, 13-, and 25-foot lengths. **The 25-foot cords should be used only for special cases.** Cords for multikey telephone sets are of the 5-1/2-foot length only.

3.02 Handset cords, for all except special services, are of a standard 4-foot length, but some may be obtained in a 9-foot length. Cords for special services, such as outdoor sets, elevator sets, etc., may vary from a 1- to a 4-foot length.

3.03 Cords, especially those longer than standard length, should not be installed where they would create a hazard such as across doorways, stairs, or passageways, or where they will be subject to excessive wear.

4. RETRACTILE CORDS

4.01 Helically wound retractile handset and mounting cords are made so they may be stretched about four times their retracted length. A desk-type telephone set having a retractile cord may be equipped with KS-8035 friction pads to prevent the set from slipping when the cord is extended.

Handset Cords

Handset	*Cord Code No.	*Color				Length in Ft			Type			Notes
		-9	-4, -8, -12, -16 -18, -19, -20	-3	-50, -52, -54	4	9	Other	Cotton	Waterproof	Retractable	
E1, F1	H3AF			X		X	X			X	X	
	H3AG			X		X	X			X		
	H3C	X	X			X	X	1 & 13 Ft	X			
	H3P	X	X			X	X	13 Ft	X		X	9 Ft and 13 Ft in Colors -9 and -4 only
	H3AJ				X	X	X			X	X	
	H3AH				X	X	X	13 Ft		X		
E2A, E4A	H4N	X				X	X		X			To Fit a 289 Plug
	H4L	X				X			X			For 111A Key Equipment for CAA
E2B, E2C	H4AC	X				X		7 Ft	X		X	For Coin Collectors
F1B	H3AE			X				3 Ft		X		For 322- and 325-Type Sets
F1C	H3AD			X				15 In.		X		To Fit a 310 Plug
F1H	H3AC			X		X				X		
F2A	H4U	X				X			X			To Fit a 289 Plug
	H4Y			X		X				X		
F2B, F, H	H4AD	X				X		7 Ft	X		X	For Microwave or Mobile Coin Collectors
	H4W			X		X				X		
F2B	H4T	X	X			X			X			For LBT-CBS and in Key Cabinets
F2D, G	H4AP	X						8 Ft	X		X	For a 289 Plug for L Carrier or Microwave
F2E	H4BC			X				3 Ft		X		For Coin Collectors (Conversion to Handset)
F3P	H5J	X						7 Ft	X		X	For 109A Key Equipment for CAA
F3B, F, N	H4AM			X		X		12 Ft		X		Telegraph Toll Test Board and Airport Use
F3H	H4AF	X				X			X			102A or 109A Key Equipment
F3J	H4AG	X						7 Ft	X		X	To Fit a 289 Plug
F3K, L, M	H4AL			X		X				X		For 324-Type Telephone Set
F3P	H5C	X				X			X			For CAA Equipment
F3S	H4AM			X		X		12 Ft		X		To Fit a 289 Plug—Type L Carrier
F3H, U	H4AN			X		X		12 Ft		X		Type L Carrier
F3AAW	H5E	X						5 Ft	X			For 83A Test Set
F3ABW	H6A	X						Special	X			Mobile Radio Test Equipment
F3ADW	H5K			X		X				X	X	For Mobile Telephone Motorola Private Line Systems
	H5L			X		X				X	X	Equipped with Amphenol MC4M Plug
F3AEW	H5H			X				3-1/2 Ft		X	X	Mobile Telephone with MC4M Plug
F3WW	H5D	X						5 Ft	X		X	Mobile Telephone—Using 41A Control Unit
G1A	H4BF			X	X	X	X	13 Ft		X		500-Type Telephone Sets
	H4BD			X		X				X	Semi	
	H4BH			X	X	X	X			X	X	
G1B	H4BJ			X				3 Ft		X		For Coin Collectors
G1D	H4BK			X		X		12 Ft		X		To Fit a 289 Plug
G2A	H5G			X		X				X	X	Mobile Telephone Using 47A Control Unit
G2B	H6B	X				X			X			4-Wire Radio Telephone Service
G2CR	H4BL			X				7 Ft		X	X	To Fit a 289 Plug for CAA
G3A	H4BG				X	X	X	13 Ft		X		500-Type Telephone Sets—Colored

*When ordering cords include the color code number with the cord code number, such as H3AH-52.

Telephone Set Mounting Cords

Type of Set	*Cord Code No.	*Color				Approx Length in Ft		Type		Retractable	Notes
		-9	-4, -8, -12, -16 -18, -19, -20	-3	-50, -52, -54	5-1/2	9, 13, 25	Cotton	Waterproof		
50	D3AK	X	X			X	X	X			
	D3AA			X		X	X		X		
120AL, 140AL 151AL, 152AB	D4U	X	X			X	X	X			
20AH, 40AH	D4AD	X				X		X			
40CN, 51R, 51CN	D5J	X				X	X	X			
120CN, 140CN, 151CN, 151R	D6M	X				X		X			
202, 303	D4AN			X		X	X		X		
	D4AR			X		X	X		X		For a 283B Plug
	D4U	X	X			X	X	X			
	D4W	X	X			X	X	X			For a 283B Plug
	D4AT			X		X			X	X	For a 283B Plug or Conn Block
203	D6J	X				X	X	X			
205	D9C	X				X		X			
206J, K, L	D9B	X				X		X			
206	D6L	X				X	X	X			
208	D10B	X				X	X	X			Not Available in 25-Ft Lengths
302, 304, 305, 306	D3AK	X	X			X	X	X			S-Type Stay Hook
	D3AL	X				X		X			For a 283B Plug or Conn Block
	D3AM	X	X			X	X	X			For a 283B Plug
	D3AY			X		X	X		X		
	D3BA			X		X	X		X		For a 283B Plug
	D3BC			X		X			X	X	
307, 309, 332, 334	D3BF				X	X	X		X		
328	D5AA	X				X	X	X			Available in Colors -4 and -52
	D14B	X				X		X			For M1-Type Carrier
329	D10D	X				X		X			For 101- and 102-Type Systems
	D10F			X	X	X			X		
401	D4AN			X		X	X		X		
402	D6P	X				X		X			
	D6U			X		X			X		
500, 501	D3BB			X		X	X		X		
	D3BG				X	X	X		X		
	D3BD			X		X	X		X	X	
	D4AS			X		X	X		X		
	D4AU			X		X			X	X	
	D4BA				X	X	X		X		
500H, P, U	D6T			X	X	X	X		X		Not Available in 25-Ft Lengths

*When ordering cords include the color code number with the cord code number, such as D4W-4.

One-Button Keypad Mounting Cords

Type of Set	*Card Code No.	*Color				Approx Length in Ft			Type		Retractable	Notes
		-9	-4, -8, -12, -16, -18, -19, -20	-3	-50, -52, -54	5-1/2	9, 13	25	Cotton	Water-proof		
410	D4AH	X				X	X	X	X			
	D4AN			X		X	X	X		X		
	D4AR			X		X	X	X		X		For a 283B Plug
	D4AT			X		X				X	X	
	D4U	X	X			X	X	X	X			
	D4W	X	X			X	X	X	X			
410BC, 411	D6U			X		X				X		
412	D6P	X				X			X			
	D7N	X				X			X			
410C, 411B	D8M	X				X			X			
	D8P	X				X			X			For a 274A Plug
502	D6T			X	X	X	X			X		
510	D4AS			X		X	X	X			X	
	D4AU			X		X				X	X	
	D4BA				X	X	X	X		X		
510, 511, 512	D6T			X	X	X	X			X		
511, 512	D10F			X	X	X				X		

*When ordering cords include the color code number with the cord code, such as D4AR-3.

400-Type Key Telephone Set Mounting Cords

Tel Set	Cord Code		Tel Set	Cord Code	
	Cotton	Plastic		Cotton	Plastic
440A	D10D	D10G-3	460K	D20B	D35A-3
B	D10D	D23C-3	L	D18C	D27A-3
C	D10D	D27A-3	M	D18C	D23C-3
D	D10D	D27A-3	N	D14A	D23C-3
E	D14A	D14G-3	461A	D16B	D28B-3
F	D12A	D23C-3	B	D16B	D28B-3
G	D12A	D17A-3	C	D16B	D28B-3
441A	D12A	D28B-3	D	D16B	D28B-3
B	D12A	D27A-3	E	D14A	D28B-3
C	D12A	D27A-3	F	D14A	D35A-3
D	D12A	D27A-3	G	D26B	D35A-3
E	D18C	D27A-3	H	D24A	D35A-3
F	D16B	D27A-3	J	D24A	D35A-3
G	D16B	D27A-3	K	D24A	D35A-3
444A	D16B	D19B-3	L	D22B	D27A-3
E	D18C	D18G-3	M	D22B	D27A-3
F	D16B	D27A-3	N	D18C	D27A-3
445A	D18C	D28B-3	464G	D29A	D28C-3
B	D16B	D27A-3	H	D26B	D25B-3
C	D16B	D27A-3	M	D22B	D25B-3
D	D16B	D27A-3	465A	D23B	D28B-3
E	D22B	D27A-3	B	D22B	D28B-3
F	D20B	D27A-3	C	D22B	D28B-3
G	D20B	D27A-3	D	D22B	D28B-3
460A	D14B	D19B-3	E	D18C	D28B-3
B	D14B	D23C-3	F	D16B	D35A-3
C	D14A	D28B-3	G	D32A	D35A-3
D	D14A	D28B-3	H	D29A	D35A-3
E	D12A	D23C-3	J	D29A	D35A-3
F	D12A	D23C-3	K	D29A	D35A-3
G	D22B	D23C-3	L	D26B	D27A-3
H	D20B	D23C-3	M	D26B	D27A-3
J	D20B	D35A-3	N	D22B	D27A-3
			466A	D15C	D15D-3

500-Type Key Telephone Set Mounting Cords

Tel Set	*Cord Code	*Color	
		-3	-50, -52, -54
540B	D14D	X	
544A	D25A	X	
544B	D19A	X	X
545B	D24B	X	
564B	D28A	X	X
564C	D25A	X	
564D	D25A	X	
565A	D34A	X	X
565B	D34A	X	X
565E	D31A	X	
566FB	D15B	X	

*Color code number must be added to cord code number when ordering cords.

Receiver Cords

Used With	Cord Code	Length in Ft
20R, 20AH, 20CJ, 20CN, 40R, 40AH, 40CN, and 41CJ Desk Stands	R2CL	2-1/2 or 5-1/2
146A Auxiliary Receiver on 20-, 40-, 51-, 120-, 140-, and 151-Type Desk Stands and on Wall Sets	R2H	2-1/2
144 Receiver on 50-Type Desk Stands	R2BS R2BR	2-1/2 1-1/4, 2-1/2, or 5-1/2
50E and 50F Desk Stands	R2CH	2-1/2
52AB or 152AB with 528 Head Receivers	R2BT	2-1/2
706A and 144 Receivers	R2DW	1-1/4, 3, or 6
Rubber Cord for 558 Receiver	R2ED	1-1/2
Rubber Cord for 558B Receiver	R2FE	1-1/2
716A and 723A Receivers	R2FA	2
Two 528 Receivers with 273A, 283A, or 283B Plug	R2EE	4-1/4
144 Receiver on 50-, 150-, 161-, 162-, and 163-Type Coin Collectors	R2BU	2-1/2
Rubber Cord for 706A Receiver on Coin Collectors	R2DY	2-1/4 or 3
146A Auxiliary Receiver on D-Type Handset Mountings	R2CJ	4
144 Receiver on 320-, 530-, and 630-Type Subscriber Sets	R2BU	1 Ft 10 In
LC, LD, and LE Single Side-Band Radio Receiver and LE Transmitters with a 289 Plug	R2FG	3-1/2
23A Amplifier (Impaired Hearing)	R2BK	4
1005A Headset with a 347 Plug	R2DB	6
Chief Operator's Headset (To a 29A Connecting Block)	R2DM	6
Dial Tandem Announcer System with 310 Plug	R2DP	8
528 Receiver with a 309 Plug for a No. 1 Central Office Instructor's Set	R2CU	6
528 Receiver with 161A Capacitor and Test Clips	R2BC	4
Two 528 Receivers in Series on a 19-Type Test Set	R2CC	4-1/4
528 Receiver on 17D, 17E, or 19C Test Set	R2CD	2 or 4
54A or 54B Test Set	R2DN	2-1/2
Wagon-Type Test Set in a Dial Central Office	R2DB	10
509 Receiver on a 2A Noise Measuring Set	R2DE	4

Switch and Dial Cords

Used With	Cord Code	Approx Length
51AL, 51CM, 51CN, and 52AB Desk Stands	D3AE	9 In.
50D and 50E Desk Stands	D4AA	11 In.
151AL Desk Stands	D5R	9 In.
50-Type Desk Stands	D4Y	11 In.
211-, 212-, 213-, and 214-Type Telephone Sets	D3AH	6 In.
CI Handset Mounting (Dial)	D5S	9 In.
50-, 150-, 161-, and 163-Type Coin Collectors	D4Y	11 In.
181-, 183-, 191-, and 193-Type Coin Collectors	D5AE	11 In.
31A Dial Mounting	D5Y	10-1/4 In.
6000F Dial Mounting	D5W	2-3/4 In.

Head Telephone Set Cords

Used With	Cord Code	Approx Length in Ft
52A and C Head Telephone Set	L4AG	5 or 7
52B Head Telephone Set (Retractable)	L4AH	10
52D Head Telephone Set (Retractable)	L4AK	15
53A Head Telephone Set	L4BB	5
53A Head Telephone Set (Semiretractile)	L4BG	5
53C Head Telephone Set	L4BD	5
53D Head Telephone Set (Retractable)	L4BE	12
52B Head Telephone Set (Retractable) For 102A Key Equipment	L4BA	7
Operator's Head Telephone Set 128 Receiver and 234 Transmitter	L4B	4, 6, or 10
Operator's Head Telephone Set 528 Receiver and 396A Transmitter	L4AF	15 or 20
Operator's Head Telephone Set 396A Transmitter	L4R	4
Double 528 Receivers and 396A Transmitter	L4AW	6
Double 128 Head Receivers	L4C	4

Miscellaneous Cords

Used With	Cord Code	Length
15D, E, and F, 17C, and 21B Lamp Indicators	D3AK	5-1/2 Ft
17D and 18B Lamp Indicators	D4U-9	5-1/2 Ft
20B Lamp Indicator	D5J-9	5-1/2 Ft
15A, B, and C, and 21A-3 Indicators	M2CK-9	5-1/2 Ft
549A Key	M5E	5-1/2 Ft
549C Key	D9B-9	5-1/2 Ft
100C Loudspeaker Set (Power Cord)	M2CB	6 Ft
100C Loudspeaker Set (Tel Cord)	M2CC	5-1/2 Ft
321A, B, C, and D Telephone Sets	D12B	5-1/2 Ft
Loudspeaker (Fits 42A Connecting Block)	R2FK	5-1/2 Ft
111A Key Equipment	D20C D29B	4-1/2 Ft 4-1/2 Ft
Public-News Telephone Service Sets	R4C	4 Ft 8 In.
A-, B-, D-, E-, and G-Type Handset Mountings, 51AL Desk Stand for LBT-CBS Dial Stations	M1W	5-1/2, 7, 10, or 14 In.
Interconnecting Dry Cells	540	5 In.
KS-8089 and 35 Battery Gauge	W2BM	1-1/2 Ft
50B Crosstalk Set	R4D	6 Ft
D-81760 Dial Hand Test Set	W2AK	4 Ft
1011B Handset	W2BT	4 Ft
1011G Handset	H2A	10 In.
81A Test Set	W2BA	5 Ft
Transmitter Cord for Coin Collectors or Wall Sets	T1C	6, 8, 9-7/8, or 12 In.
Transmitter Cord for 50-Type Desk Stands	T1D	9-7/8 In.