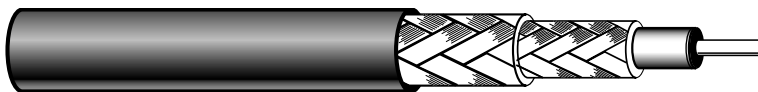


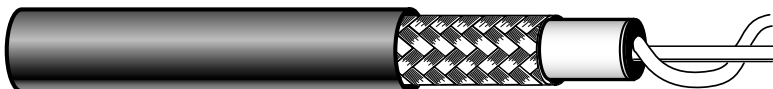
RADIO FREQUENCY COAXIAL CABLES

Coaxial cable is especially designed for low loss signal transmission with either polyethylene or Teflon® dielectric stranded or solid conductors.

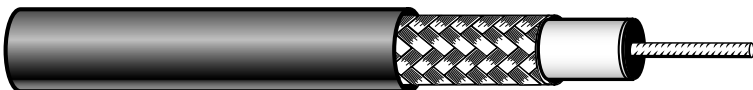
POLYETHYLENE DIELECTRIC COAXIAL CABLE CONSTRUCTION TYPES



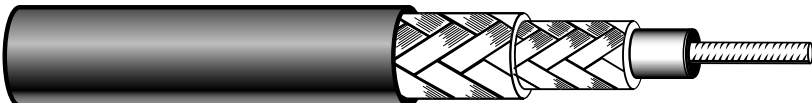
Type A



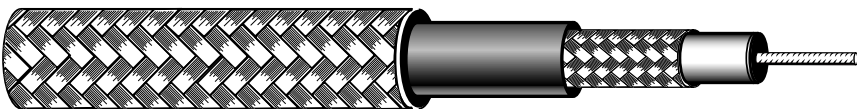
Type B



Type C



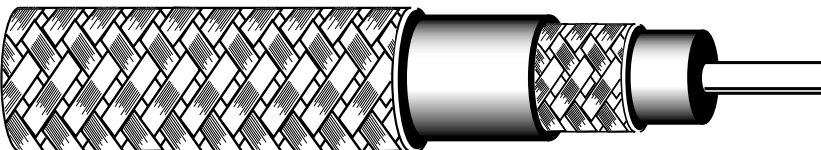
Type D



Type E



Type F



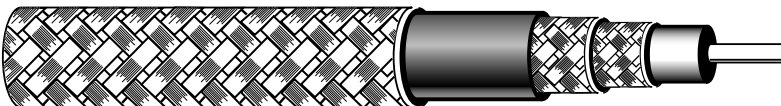
Type G



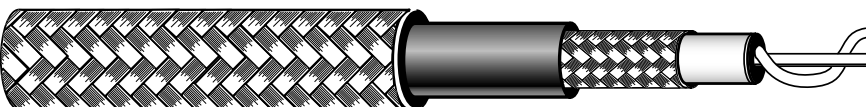
Type H



Type I



Type J



Type K



Type L

RADIO FREQUENCY COAXIAL CABLES

Polyethylene is the standard form of extruded dielectric material used in coaxial cables. resistant to heat up to 212°F. Dielectric strength, 420 V/mil.

POLYETHYLENE DIELECTRIC COAXIAL CABLE TYPES

RG/U NO.	CAP. pf/FT.	MAX OPER. VOLTS RMS	NOMINAL IMP. OHMS	V.P. %	ARMOR O.D.	TYPE JACKET	SHIELDS		CENTER COND.	OVERALL DIAM. (INCHES)	APPLICABLE SPECIFICATION	TYPE CONST.
							OUTER	INNER				
8	29.5	5000	52.0	65.9		I		C	7/21C	.405	MIL-C-17	C
8A	30.5	5000	50.0	65.9		IIa		C	7/21C	.405	MIL-C-17	C
9	30.0	5000	51.0	65.9		II	C	SC	7/21SC	.420	MIL-C-17	D
9A	30.0	5000	51.0	65.9		II	SC	SC	7/21SC	.420	MIL-C-17	D
9B	30.5	5000	50.0	65.9		IIa	SC	SC	7/21C	.420	MIL-C-17	D
10	29.5	5000	52.0	65.9	.475	II		C	7/.0285C	.475	MIL-C-17	E
10A	30.5	5000	50.0	65.9	.475	IIa		C	7/21C	.475	MIL-C-17	E
11	20.5	5000	75.0	65.9		I		C	7/26TC	.405	MIL-C-17	C
11A	20.5	5000	75.0	65.9		IIa		C	7/26TC	.405	MIL-C-17	C
12	20.5	5000	75.0	65.9	.475	II		C	7/26TC	.475	MIL-C-17	E
12A	20.5	5000	75.0	65.9	.475	IIa		C	7/26TC	.475	MIL-C-17	E
13	20.5	5000	75.0	65.9		I	C	C	7/26TC	.420	MIL-C-17	D
13A	20.5	5000	75.0	65.9		IIa	C	C	7/26TC	.420	MIL-C-17	D
14	29.5	7000	52.0	65.9		II	C	C	1/10C	.545	MIL-C-17	A
14A	30.5	7000	50.0	65.9		IIa	C	C	1/10C	.545	MIL-C-17	A
17	29.5	11000	52.0	65.9		I		C	1/.188C	.870	---	H
17A	29.5	11000	52.0	65.9		IIa		C	1/.188C	.870	MIL-C-17	H
18A	29.5	11000	52.0	65.9	.945	IIa		C	1/.188C	.945	MIL-C-17	G
19A	29.5	14000	52.0	65.9		IIa		C	1/.250C	1.120	MIL-C-17	H
20A	29.5	14000	52.0	65.9	1.195	IIa		C	1/.250C	1.195	MIL-C-17	G
21	29.0	2700	53.0	65.9		II	SC	SC	1/16N	.332	MIL-C-17	A
21A	30.5	2700	50.0	65.9		IIa	SC	SC	1/.053N	.332	MIL-C-17	A
22B	16.0	1000	95.0	65.9		I		TC	Two 7/.0152C	.405	MIL-C-17	F
29	28.5	1900	53.5	65.9		III		TC	1/20C	.184	MIL-C-17	C
34	21.5	6500	71.0	65.9		II		C	7/21C	.625	MIL-C-17	C
34B	21.5	65000	75.0	65.9		IIa		C	7/21C	.630	MIL-C-17	C
35	20.5	10000	71.0	65.9	.945	II		C	1/114C	.945	MIL-C-17	G
35A	21.5	10000	75.0	65.9	.945	IIa		C	1/.104C	.945	MIL-C-17	G
54	27.0	3000	58.0	65.9		IIa		TC	7/26C	.250	MIL-C-17	C
54A	26.5	3000	58.0	65.9		III		TC	7/26C	.250	MIL-C-17	C
55	28.5	1900	53.5	65.9		III	TC	TC	1/20C	.206	MIL-C-17	A
55A	30.5	1900	50.0	65.9		II	SC	SC	1/.035SC	.216	MIL-C-17	A
57A	16.0	3000	95.0	65.9		IIa		C	Two 7/21C	.625	MIL-C-17	F
58	28.5	1900	53.5	65.9		I		TC	1/20C	.195	MIL-C-17	H
58A	28.5	1900	52.00	65.9		I		TC	19/.0066TC	.195	MIL-C-17	C
58B	28.5	1900	53.5	65.9		IIa		TC	1/.0320C	.195	MIL-C-17	H
58C	30.5	1900	50.0	65.9		IIa		TC	19/.0071TC	.195	MIL-C-17	C
59	21.0	2300	73.0	65.9		I		C	1/22CW	.242	MIL-C-17	H
59A	20.5	2300	75.0	65.9		IIa		C	1/.023CW	.242	MIL-C-17	H
59B	21.0	2300	75.0	65.9		IIa		C	1/.025CW	.242	MIL-C-17	H
62	13.5	750	93.0	84.0		I		C	1/22CW	.242	MIL-C-17	B

RADIO FREQUENCY COAXIAL CABLES

The dielectric constant of polyethylene is approximately 2.3 over a frequency range of 60 to 10⁶ cycles and it has a specific gravity of 0.92.

POLYETHYLENE DIELECTRIC COAXIAL CABLE TYPES

RG/U NO.	CAP. pf/FT.	MAX OPER. VOLTS RMS	NOMINAL IMP. OHMS	V.P. %	ARMOR O.D.	TYPE JACKET	SHIELDS		CENTER COND.	OVERALL DIAM. (INCHES)	APPLICABLE SPECIFICATION	TYPE CONST
							OUTER	INNER				
2A	13.5	750	93.0	84.0		II		C	1/22CW	.242	MIL-C-17	B
63	10.0	1000	125.0	84.0		I		C	1/22CW	.405	MIL-C-17	B
63B	10.0	1000	125.0	84.0		IIa	C	C	1/22CW	.405	MIL-C-17	B
71	13.5	750	93.0	84.0		III	TC	TC	1/22CW	.250	MIL-C-17	I
71A	13.5	750	93.0	84.0		I	TC	C	1/22CW	.245	---	I
71B	13.5	750	93.0	84.0	.475	III	TC	C	1/22CW	.250	MIL-C-17	I
74	29.5	7000	52.0	65.9	.615	II	C	C	1/.102C	.615	MIL-C-17	J
74A	30.5	7000	50.0	65.9	.615	IIa	C	C	1/.106C	.615	MIL-C-17	J
79	10.0	1000	125.0	84.0	.475	I		C	1/22CW	.475	MIL-C-17	K
79B	10.0	1000	125.0	84.0	.475	IIa		C	1/22CW	.475	MIL-C-17	K
83	44.0	2000	35.0	65.9		I		C	1/.102C	.405	MIL-C-17	H
89	10.0	1000	125.0	84.0		I		C	1/22CW	.632	MIL-C-17	B
108	20.0	1000	76.0			II		TC	Two 7/28C	.245	MIL-C-17	L
108A	20.0	1000	76.0			IIa		TC	Two 7/28TC	.235	MIL-C-17	L
111A	16.0	1000	95.0	65.9	.490	IIa	TC	TC	Two 7/.0152C	.490	MIL-C-17	M
122	30.5	1900	50.0	65.9		IIa		TC	27/36TC	.160	MIL-C-17	C
149	20.5	5000	75.0	65.9		I		TC	7/26TC	.405	---	C
164	20.5	10000	75.0	65.9		IIa		C	1/.1045C	.870	MIL-C-17	H
174	30.0	1500	50.0	65.9		IIa		TC	7/.0063CW	.100	---	C
177	30.5	11000	50.0	65.9		IIa	SC	SC	1/.195C	.895	MIL-C-17	A
*213	30.5	5000	50.0	65.9		IIa		C	7/21TC	.405	MIL-C-17	C
223U	30.8	1900	50.0	65.9		IIa	SC	SC	1/.035SC	.216	MIL-C-17	D

* REPLACES RG-BA/U

Center Conductor

C-Bare Copper
SC-Silvered Copper
CW-Copperweld
TC-Tinned Copper
N-Nichrome
K-Karma

Shields

C-Bare Copper
SC-Silver Coated Copper
TC-Tinned Copper
K-Karma

Jackets

I-Black Polyvinyl
II-Non-Contaminating gray PVC
IIa-Non-Contaminating black PVC
III-Natural Polyethylene