

Broadband Coaxial CATV



Part No.	Description	AWG	Conductor	Shield	Jacket	Nom. O.D. (in)	Weight (lbs/M-ft)
CATV Drop - 75 Ohm, for interior horizontal, lashed outdoor aerial drop and conduit installation							
1C20W15967	RG-59	20	Solid CCS	Foil + 67% Alum. Braid	PVC	.240	28
1C18W1660	RG-6	18	Solid CCS	Foil + 60% Alum. Braid	PVC	.272	33
1C18W1QUAD6	RG-6 Quad Shield	18	Solid CCS	Foil + 60% Alum. Braid Tape + 42% Alum. Braid	PVC	.300	38
1C14W11160	RG-11	14	Solid CCS	Foil + 60% Alum. Braid	PVC	.395	65
1C14W1QD11	RG-11 Quad Shield	14	Solid CCS	Foil + 60% Alum. Braid Tape + 40% Alum. Braid	PVC	.405	77
CATV Drop Flooded - 75 Ohm, for underground installation							
1C20W159F57	RG-59	20	Solid CCS	Foil + 67% Alum. Braid	PE	.240	24
1C18W16F60	RG-6	18	Solid CCS	Foil + 60% Alum. Braid	PE	.272	33
1C18W1Q6F	RG-6 Quad Shield	18	Solid CCS	Foil + 60% Alum. Braid Tape + 40% Alum. Braid	PE	.272	45
1C14W111F60	RG-11	14	Solid CCS	Foil + 60% Alum. Braid	PE	.395	60
1C14W1Q11F	RG-11 Quad Shield	14	Solid CCS	Foil + 60% Alum. Braid Tape + 40% Alum. Braid	PE	.395	58
CATV Self-Supporting Figure-8 - 75 Ohm							
1C20W159M67	RG-59 .051" messenger	20	Solid CCS	Foil + 67% Alum. Braid	PVC	.240	45
1C18W16M60	RG-6 .051" messenger	18	Solid CCS	Foil + 60% Alum. Braid	PVC	.272	48
1C14W111M60	RG-11 .072" messenger	14	Solid CCS	Foil + 60% Alum. Braid	PVC	.395	99

Note: Attenuation numbers are valid at 68°F (20°C)

Freq. (MHz)	Series 59		Series 6		Series 11	
	Nom Atten. dB/100'	Max. Atten. dB/100'	Nom Atten. dB/100'	Max. Atten. dB/100'	Nom Atten. dB/100'	Max. Atten. dB/100'
5	0.55	0.58	0.42	0.45	0.26	0.29
55	1.83	1.95	1.42	1.53	0.89	0.97
211	3.61	3.82	2.79	3.02	1.74	1.92
216	3.66	3.87	2.83	3.06	1.76	1.95
240	3.86	4.09	2.99	3.23	1.86	2.06
270	4.10	4.35	3.17	3.44	1.98	2.19
300	4.33	4.58	3.35	3.64	2.09	2.32
325	4.51	4.78	3.49	3.79	2.18	2.42
350	4.69	4.96	3.63	3.93	2.28	2.51
375	4.85	5.14	3.76	4.08	2.36	2.61
400	5.02	5.31	3.89	4.21	2.44	2.70
450	5.33	5.64	4.13	4.47	2.60	2.86
500	5.62	5.95	4.36	4.72	2.74	3.03
550	5.90	6.25	4.57	4.95	2.88	3.18
600	6.17	6.54	4.78	5.18	3.02	3.33
650	6.45	6.83	4.97	5.41	3.14	3.47
700	6.73	7.13	5.17	5.63	3.27	3.61
750	6.97	7.39	5.35	5.83	3.39	3.74
800	7.20	7.64	5.54	6.03	3.51	3.87
862	7.48	7.94	5.75	6.27	3.64	4.02
870	7.52	7.98	5.78	6.30	3.66	4.04
900	7.66	8.12	5.89	6.41	3.73	4.11
950	7.87	8.35	6.05	6.60	3.84	4.23
1000	8.09	8.58	6.22	6.78	3.94	4.35

Recommendations

- 11/u for distances over 175'
- 6/u for distances to 175'
- 59/u minimum capacity requirements

See referenced pages in the Hardware & Supplies section:

Installation Hardware

- Acme 37AC Staple Gun - I-3

Suggested Prep Tool

- Universal Drop Trimmer - I-9

Table courtesy of Belden.