

# CATV, MATV, CCTV COAXIAL CABLES

Our standard RG cables for CATV, MATV and CCTV are made to exacting performance standards, yet cost effectively. The cables can be sweep tested to 3.0 Ghz.

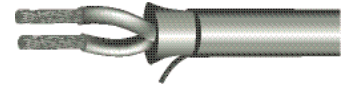
Alternate constructions with different center conductors, and/or braid coverage are available. Please contact our design team for your specific requirement.

Product	Construction	OD Inch	OD mm	Impedance Ohms	Nominal Velocity, %
RG-174/U Type	26 AWG, 7 strand bare copper covered steel, PE insulation, 90% tinned copper braid, PVC jacket.	.110	2.79	75	66
RG-179/U Type	30 AWG, 7 strand silver coated copper covered steel, PFA insulation, 95% silver coated copper braid shield, tinted brown FEP jacket.	.100	2.54	75	68
RG-316/U Type	26 AWG, 7 strand silver coated copper covered steel, PFA insulation, 95% silver coated copper braid shield, tinted white or brown FEP jacket.	.098	2.50	50	68

# ALARM & SECURITY CABLES



Cross Section



Modern alarm and security systems are very sophisticated. To support signal transmission, they require the highest quality cables that are free of noise ingress. New England Wire has designed a range of cables that have proven to be highly reliable and cost effective.

**DESCRIPTION** The cables are available in various AWG sizes with PVC, PE or foamed PE insulation, overall aluminum mylar tape with a drain wire and PVC jacket.

**SAFETY STANDARD** The cables meet UL CL2, CL3 and CM requirements and pass UL's vertical cable tray flame test.

Number of Conductors	CONDUCTOR			Drain AWG	JACKET	
	AWG Size	Construction	Nominal Wall Thickness		Nominal Wall Thickness	Nominal OD
6	18	19/30	.015	20	.038	.404
4	24	7/32	.019	24	.031	.266
4	24	7/32	.022	24	.049	.340
4	22	7/30	.009	24	.025	.168
4	18	19/30	.010	20	.035	.245
3	18	16/30	.018	20	.033	.246
2	24	7/32	.022	24	.039	.231
2	22	7/30	.016	22	.025	.175
2	20	7/28	.016	20	.028	.204
2	18	16/30	.019	20	.028	.222
2	16	19/29	.032	18	.032	.312
2	14	19/26	.032	16	.035	.354

Items listed on this page available in large quantities directly from our factory in China. Please contact our design team to discuss your specific requirements.

All measurements are in inches unless otherwise stated.



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Innovate. Create. Accelerate.