


Standard Analog Video Cables

75 Ohm Coax




De-scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/100 ft.	dB/100 m

23 AWG • Solid 0.6 mm Copper-Covered Steel Conductor • 95 % Bare Copper Braid

Polyethylene Insulation • Black PVC Jacket																			
30V RMS	8241	NEC:	100	31	4.4	2.0	0.58 mm	0.146	3.71	95% BC	0.240	6.10	75	66%	20.5	67.3	1	0.6	2.0
75°C		CM	U-500	U-152	19.5	8.8	23 AWG			Braid							10	1.1	3.6
UL AWM Style 1354, VW1		CEC:	500	152	18.5	8.4	Solid CCS			8.5 Ω/km***							50	2.4	7.9
		CM	U-1000	U-305	38.0	17.2	169.2 Ω/km*										100	3.4	11.2
0.6/3.7		CM	1000	305	40.0	18.1	160.7 Ω/km**										200	4.9	16.1
RG-59/U Typ			2000	610	80.0	36.3										400	7.0	23.0	
			5000	1524	200.0	90.7										700	9.7	31.8	
																900	11.1	36.4	
																1000	12.0	39.4	


U-305 m put-up also available in Red, Yellow, Green, Light Blue, White, Orange and Black. Nominal Delay: 5.053 ns/m Pulling Tension: 276 N

22 AWG • Stranded (7x30) 0.8 mm Bare Copper Conductor • 95 % Bare Copper Braid

Polyethylene Insulation • Black PVC Jacket																			
30V RMS	9259	NEC:	100	31	4.1	1.9	0.76 mm	0.146	3.71	95% BC	0.241	6.12	75	78%	17.3	56.7	1	0.3	1.0
80°C		CM	U-500	U-152	18.1	8.2	22 AWG			Braid							10	0.9	3.0
UL AWM Style 1354		CEC:	500	152	16.6	7.5	(7x30) BC			8.5 Ω/km***							50	2.1	6.9
		CM	U-1000	U-305	35.0	15.9	57.7 Ω/km*										100	3.0	9.8
0.7/3.7		CM	1000	305	37.0	16.8	49.2 Ω/km**										200	4.5	14.8
																400	6.6	21.7	
																700	8.9	29.2	
																900	10.1	33.1	
																1000	10.9	35.8	


For CCTV applications. Nominal Delay: 5.053 ns/m Pulling Tension: 275 N

20 AWG • Solid 0.8 mm Bare Copper • 98 % Tinned Copper Double Braid

Polyethylene Insulation • Polyethylene Jacket (Red, Yellow, Green, Light Blue, White, Orange and Black)																			
80°C	8281		500	152	37.5	17.0	0.81 mm	0.198	5.03	Double Braid	0.305	7.75	75	66%	21.0	68.9	1	0.3	1.0
			1000	305	74.0	33.6	20 AWG			98% TC							3.6	0.5	1.6
							Solid BC			3.6 Ω/km***							10	0.8	2.6
							36.1 Ω/km*										71.5	2.1	6.9
0.8/5.0							32.5 Ω/km**										135	3.0	9.8
RG-59/U Type																270	4.3	14.1	
																360	5.1	16.7	
																540	6.3	20.7	
																720	7.4	24.3	
																750	7.6	24.9	
																1000	9.2	30.2	


152 m put-up not available in White. Nominal Delay: 5.053 ns/m Pulling Tension: 515 N

18 AWG • Solid 1.0 mm Bare Copper • Duofoil® • 60 % Tinned Copper Braid

Gas-Injected Foam HDPE Insulation • Black PVC Jacket																			
30V RMS	9248	NEC:	U-500	U-152	16.5	7.5	1.02 mm	0.180	4.57	Duofoil®	0.270	6.86	75	82%	16.2	53.1	1	0.3	1.0
80°C		CM	500	152	15.0	6.8	18 AWG			+ 60% TC							10	0.7	2.3
UL AWM Style 1354		CEC:	U-1000	U-305	32.0	14.5	Solid BC			Braid							50	1.5	4.9
		CM	1000	305	33.0	15.0	39.4 Ω/km*			18.4 Ω/km***							100	2.0	6.6
1.0/4.6				1640	500	55.8	25.3	21.0 Ω/km**									200	2.8	9.2
RG-6			3280	1000	108.2	49.1										400	4.0	13.1	
																700	5.3	17.4	
																900	6.1	20.0	
																1000	6.5	21.3	
																1500	8.3	27.2	

Nominal Delay: 4.068 ns/m Pulling Tension: 195 N

14 AWG • Solid 1.6 mm Bare Copper • Duofoil® • 60 % Tinned Copper Braid

Gas-Injected Foam HDPE Insulation • Black PVC Jacket																			
80°C	9292		1000	305	75.0	34.0	1.63 mm	0.280	7.11	Duofoil®	0.405	10.29	75	84%	16.1	52.8	1	0.2	0.6
							14 AWG			+ 60% TC							10	0.5	1.6
							Solid BC			Braid							50	0.9	3.0
							18.3 Ω/km*			9.8 Ω/km***							100	1.3	4.3
1.6/7.2							8.5 Ω/km**										200	1.6	5.3
RG-11																400	2.3	7.5	
																700	3.3	10.8	
																900	4.0	13.1	
																1000	4.3	14.1	

Nominal Delay: 3.937 ns/m Pulling Tension: 435 N

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • BC = Bare Copper • CCS = Copper-Covered Steel Duofoil® see technical information page 23.13.