

RGB Miniature High Resolution Video Cable

NEC Art 800 Type CMR CSA C(UL)

Western cable's Precision Multi Core Analog Video Cable is ideally suited for use in component analog video monitors, RGB, RGB/Sync, RGB/sync/hold and composite applications. Fully approved for installations in conduit, riser shafts, and open-air cable tray. These cables are also available with custom jacket colors and shielding designs, consult the factory.

WCC	AWG	Dielectric Type		Shield Type	No. of Coaxes	Nominal O.D.		Nom	Nom.	Nominal		Nom. Attenuation		
Part	(Stranding)	Nom O.D.				Capacitance	Imp	Vel of	Freq.	dB/100ft	dB/100m			
Number	Nom DCR	Inch	mm				Ohms	Prop.				pF/ft	pF/m	

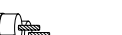
3-Coax

W2729 Nec Type CMR CSA C(UL)	26 (7/34)	Cellular Polyethylene		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	3 Red Green Blue	.308	7.82	75	81%	16	55.7	1	.6	2.0
	Tinned	.070 1.78				TPE or PVC Jacket Jacket Color Gray				3	1.0	3.3		
	Copper									5	1.3	4.2		
	37.3Ω/M'									10	1.8	5.9		
	122.4Ω/km'									30	3.1	10.2		
			100							5.4	17.7			
			500							11.6	38.0			

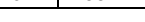
4-Coax

W2730 Nec Type CMR CSA C(UL)	26 (7/34)	Cellular Polyethylene		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	4 Red Green Blue Yellow	.330	8.39	75	81%	16	55.7	1	.6	2.0
	Tinned	.070 1.78				TPE or PVC Jacket						3	1.0	3.3
	Copper					Jacket Color						5	1.3	4.2
	37.3Ω/M'					Gray						10	1.8	5.9
	122.4Ω/km'											30	3.1	10.2
												100	5.4	17.7
												500	11.6	38.0

5-Coax

W2740 Nec Type CMR CSA C(UL)	26 (7/34)	Cellular Polyethylene		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	5 Red Green Blue Yellow Black	.346	8.79	75	81%	16	55.7	1	.6	2.0
	Tinned	.070 1.78				TPE or PVC Jacket Jacket Color Gray 					3	1.0	3.3	
	Copper										5	1.3	4.2	
											10	1.8	5.9	
											30	3.1	10.2	
											100	5.4	17.7	
						500	11.6	38.0						

6-Coax

W2740-1 Nec Type CMR CSA C(UL)	26 (7/34)	Cellular Polyethylene		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	6 Red Green Blue White Yellow Black	.385	9.78	75	81%	16	55.7		1	.6	2.0
	Tinned	.070 1.78				TPE or PVC Jacket Jacket Color Gray	3						1.0	3.3	
	Copper						5						1.3	4.2	
	Copper						10						1.8	5.9	
	37.3Ω/M'						30						3.1	10.2	
	122.4Ω/km'						100						5.4	17.7	
							500						11.6	38.0	

Pair color code: Pending

Western Cable Corporation
888-805-0355

RGB Miniature High Resolution Video Cable

NEC Art 800 Type CMP CSA C(UL)

Western Cable's Plenum Precision Multi Core Analog Video Cable is ideally suited for use in component analog video monitors, RGB, RGB/Sync, RGB/sync/hold and composite applications. Fully approved for installations where low smoke low flame insulation and jacket compounds are required. These cables are also available with custom jacket colors and shielding designs, consult the factory.

WCC	AWG	Dielectric Type						Nom	Nom.	Nominal		Nom. Attenuation		
Part	(Stranding)	Nom O.D.		Shield	No. of	Nominal O.D.		Imp	Vel of	Capacitance		Freq.	dB/	dB/
Number	Nom DCR	Inch	mm	Type	Coaxes	Inch	mm	Ohms	Prop.	pF/ft	pF/m	MHz	100ft	100m

3-Coax

W22729 Nec Type UL/CL2P CSA/CMP	26 (7/34)	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	3 Red Green Blue	.279	7.08	75	81%	16	55.7	1	.6	2.0		
	Tinned Copper	.070 1.78				Plenix Jacket Jacket Color Back						3	1.0	3.3		
	37.3Ω/M'											5	1.3	4.2		
	122.4Ω/km'											10	1.8	5.9		
												30	3.1	10.2		
												100	5.4	17.7		
												500	11.6	38.0		

4-Coax

W22730 Nec Type UL/CL2P CSA/CMP	26 (7/34)	Cellular FEP Teflon		AL Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	4 Red Green Blue Yellow	.298	7.57	75	81%	16	55.7	1	.6	2.0
	Tinned	.070 1.78				Plenix Jacket Jacket Color Black						3	1.0	3.3
	Copper											5	1.3	4.2
	37.3Ω/M'											10	1.8	5.9
	122.4Ω/km'											30	3.1	10.2
			100									5.4	17.7	
			500									11.6	38.0	

5-Coax

W22740 Nec Type UL/CL2P CSA/CMP	26 (7/34)	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	5 Red Green Blue Yellow Black	.317	8.06	75	81%	16	55.7	1	.6	2.0	
	Tinned Copper	.070 1.78				Plenix Jacket Jacket Color Black							3	1.0	3.3
	37.3Ω/M'												5	1.3	4.2
	122.4Ω/km'												10	1.8	5.9
			30										3.1	10.2	
			100										5.4	17.7	
			500										11.6	38.0	

6-Coax

W22740-1 Nec Type UL/CL2P CSA/CMP	26 (7/34)	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Spiral Shield 100% Shield Coverage	6 Red Green Blue White Yellow Black	.500	12.70	75	81%	16	55.7	1	.6	2.0	
	Tinned	.070 1.78				Plenix Jacket Jacket Color Black							3	1.0	3.3
	Copper												5	1.3	4.2
	37.3Ω/M'												10	1.8	5.9
	122.4Ω/km'												30	3.1	10.2
			100										5.4	17.7	
			500										11.6	38.0	

Pair color code: Pending

Western Cable Corporation
888-805-0355

RGB High Resolution Video Cable

NEC Art 800 Type CMR CSA C(UL)

Western Cable's Precision Multi Core Video Cable is ideally suited for use in component analog video monitors, RGB, RGB/Sync, RGB/sync/hold and composite applications. Because of the larger size coax components, longer signal runs can be achieved with greatly reduced signal loss. These cables are also available with our digital coax (W2777) components. Custom jacket colors and shielding designs are also available, consult the factory.

WCC Part Number	AWG (Stranding) Nom DCR	Dielectric Type		Shield Type	No. of Coaxes	Nominal O.D.		Nom Imp Ohms	Nom. Vel of Prop.	Nominal Capacitance		Nom. Attenuation		
		Nom O.D.				Inch	mm			pF/ft	pF/m	Freq. MHz	dB/ 100ft	dB/ 100m
		Inch	mm											

3-Coax

W2874	22 (7/30)	Cellular Polyethylene		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	3 Red Green Blue	.500	12.71	75	78%	17.3	56.7	1	.25	.82
NEC Type CMR CSA C(UL)	Tinned Copper	.135 .343				TPE or PVC Jacket Jacket Color Black						5	.57	1.9
	15.3Ω/M' 50.2Ω/km											10	.82	2.7
												30	1.5	4.9
												100	2.9	9.5
												700	9.4	30.9
												1000	11.9	39.0

4-Coax

W2875 NEC Type CMR CSA C(UL)	22 (7/30) Tinned Copper 15.3Ω/M' 50.2Ω/km	Cellular Polyethylene		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	4 Red Green Blue Yellow	.550	13.98	75	78%	17.3	56.7	1	.25	.82
						TPE or PVC Jacket Jacket Color Black 						5	.57	1.9
												10	.82	2.7
												30	1.5	4.9
												100	2.9	9.5
												700	9.4	30.9
												1000	11.9	39.0

5-Coax

W2876	22 (7/30)	Cellular Polyethylene		Al Foil + 95% Tinned	5 Red	.600	15.24	75	78%	17.3	56.7	1	.25	.82			
NEC Type CMR CSA C(UL)	Tinned	.135	.343	Copper	Green	TPE or PVC Jacket Jacket Color Black											
	Copper			Braid	Blue										5	.57	1.9
	15.3Ω/M'			100% Shield	Yellow										10	.82	2.7
	50.2Ω/km			Coverage	Black										30	1.5	4.9

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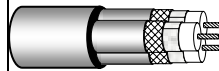
RGB High Resolution Video Cable

NEC Art 800 Type CMP CSA C(UL)

WCC	AWG	Dielectric Type		Shield	No. of	Nominal O.D.		Nom	Nom.	Nominal		Nom. Attenuation		
Part	(Stranding)	Nom O.D.						Imp	Vel of	Capacitance		Freq.	dB/	dB/
Number	Nom DCR	Inch	mm					Type	Coaxes	Inch	mm	Ohms	Prop.	pF/ft

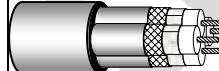
3-Coax

W22874 NEC Type CMP CSA C(UL)	22 (7/30) Tinned Copper 15.3Ω/M' 50.2Ω/km	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	3 Red Green Blue	.475	12.06	75	78%	17.3	56.7	1	.25	.82			
	.135 .343		Plenix Jacket Jacket Color Black									5	.57	1.9			
												10	.82	2.7			
												30	1.5	4.9			
												100	2.9	9.5			
												700	9.4	30.9			
												1000	11.9	39.0			



4-Coax

W22875 NEC Type CMP CSA C(UL)	22 (7/30) Tinned Copper 15.3Ω/M' 50.2Ω/km	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	4 Red Green Blue Yellow	.527	13.39	75	78%	17.3	56.7	1	.25	.82			
	.135 .343		Plenix Jacket Jacket Color Black 									5	.57	1.9			
												10	.82	2.7			
												30	1.5	4.9			
												100	2.9	9.5			
												700	9.4	30.9			
												1000	11.9	39.0			



5-Coax

W22876 NEC Type CMP CSA C(UL)	22 (7/30) Copper 15.3Ω/M' 50.2Ω/km	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	5 Red Green Blue Yellow Black	.585	14.87	75	78%	17.3	56.7	1	.25	.82				
		.135 .343				Plenix Jacket Jacket Color Black 						5	.57	1.9				
												10	.82	2.7				
												30	1.5	4.9				
												100	2.9	9.5				
												700	9.4	30.9				
												1000	11.9	39.0				



Western Cable Corporation
888-805-0355

Precision SDI Digital Video Cable

NEC Art 800 Type CMR CSA C(UL)

Western Cable's precision digital video cable is ideally suited for use in crucial analog/digital video applications as well as hi-end live and pre/post production applications. Manufactured with foil and a 95% tinned copper braid, this cable maintains superior RF and EMI interference protection while also providing outstanding performance.

WCC	AWG	Dielectric Type						Nom	Nom.	Nominal		Nom. Attenuation		
Part	(Stranding)	Nom O.D.		Shield	No. of	Nominal O.D.		Imp	Vel of	Capacitance		Freq.	dB/	dB/
Number	Nom DCR	Inch	mm	Type	Coaxes	Inch	mm	Ohms	Prop.	pF/ft	pF/m	MHz	100ft	100m

RG-59/U

W2777 Nec Type CMR CSA C(UL)	20 (Solid)	Cellular		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	1	.240	6.09	75	83%	16.2	53.1	50	1.8	5.9
	Bare	Polyethylene					PVC Jacket					100	2.4	7.9
	Copper	.145	3.68				Jacket Colors					200	3.3	10.8
	20.1Ω/M'						Black, White					400	4.7	15.4
	65.9Ω/km											700	6.4	21.0
												900	7.3	23.9
							1000					7.8	25.6	

RG-59/U Miniature

W2879 NEC Type CMR CSA C(UL)	23 (Solid) Bare Copper 20.1Ω/M' 65.9Ω/km	Cellular Polyethylene		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	1	.159	4.03	75	82%	16.5	54.1	1	.39	1.3				
						PVC Jacket						3.6	.78	2.6				
		.102 2.59				Jacket Colors						10	1.3	4.3				
						Black, White						71.5	3.0	9.8				
												270	5.7	18.7				
												720	9.5	31.1				
												1000	11.3	37.1				

RG-6/U-Low Loss

W2841 NEC Type CMR CSA C(UL)	18 (Solid) Bare Copper 6.4Ω/M' 21.0Ω/km	Cellular Polyethylene		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	1	.275	6.99	75	83%	16.2	53.1		1	.24	.79	
						PVC Jacket							3.6	.45	1.5	
		.180				4.57	Jack Colors						10	.72	2.4	
						Black, White							71.5	1.7	5.6	
													270	3.1	10.2	
													720	5.3	17.6	
													1000	6.2	20.5	

RG-11/U-Low Loss

W3512	14 (Solid)	Cellular		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	1	.405	10.29	75	84%	16.0	52.4	1	.16	.52
NEC Type	Bare	Polyethylene				PVC Jacket		3.6	.29	.95				
	Copper	.285	7.24			Jacket Colors		10	.46	1.5				
	2.5Ω/M'					Black, White		71.5	1.1	3.6				
	8.2Ω/km							270	2.1	6.9				
								720	3.6	11.8				
								1000	4.3	14.1				

Western Cable Corporation
888-805-0355

Precision SDI Digital Video Cable NEC Art 800 Type CMP CSA C(UL)

Western Cable's precision plenum digital video cable is ideally suited for use in crucial analog/digital video applications as well as hi-end live and pre/post production applications. Manufactured with foil and a 95% tinned copper braid, this cable maintains superior RF and EMI interference protection while also providing outstanding performance.

WCC	AWG	Dielectric Type						Nom	Nom.	Nominal		Nom. Attenuation		
Part Number	(Stranding) Nom DCR	Nom O.D.		Shield Type	No. of Coaxes	Nominal O.D.		Imp Ohms	Vel of Prop.	Capacitance		Freq. MHz	dB/ 100ft	dB/ 100m
		Inch	mm			Inch	mm			pF/ft	pF/m			

RG-59/U

W2778 Nec Type CMP CSA C(UL)	20 (Solid) Bare Copper 9.9Ω/M' 32.5Ω/km	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	1	.204	5.18	75	82%	16.2	52.8	50	1.8	5.9
		.140 3.56				Plenix Jacket Jacket Colors Black, White				100	2.7	8.8		
										200	3.8	12.5		
										400	5.5	18.0		
										700	7.2	23.6		
										900	8.3	27.2		

RG-6/U-Low Loss

W2842 NEC Type CMP CSA C(UL)	18 (Solid) Bare Copper 6.4Ω/M' 21.0Ω/km	Cellular FEP Teflon		Al Foil + 95% Tinned Copper Braid 100% Shield Coverage	1	.230	5.85	75	82%	16.5	54.0	50	1.5	4.9
		.168 4.27				Plenix Jacket Jack Colors Black, White 						100	1.9	6.2
												200	3.2	10.5
												400	4.3	14.0
												600	5.5	18.0
												900	6.5	21.3

Standard Analog Video Cables

NEC Art 800 Type CMR CSA C(UL)

Western Cable's standard analog video cable is ideally suited for use in non-critical video applications such as CCTV, MATV, monochrome and color monitors. Many other construction parameters and jacket compounds/colors are available. Please consult the factory.

WCC	AWG	Dielectric Type		Shield	No. of	Nominal O.D.		Nom	Nom.	Nominal		Nom. Attenuation		
Part	(Stranding)	Nom O.D.								Capacitance	Freq.	dB/	dB/	
Number	Nom DCR	Inch	mm	Type	Coaxes	Inch	mm	Ohms	Prop.	pF/ft	pF/m	MHz	100ft	100m

RG-59/U

W1092 NEC Type CMR CSA C(UL)	23 (Solid)	Polyethylene		95% Bare Copper Braid Shield	1	.242	6.15	75	66%	20.5	67.3	10	1.1	3.6			
	Bare Copper					PVC Jacket		50								2.4	7.9
	Covered	.146	3.71			Black		200								4.9	16.1
	Steel							400								7.0	23.0
	47Ω/M'							700								9.7	31.8
	154.2Ω/km							900								11.1	36.4
								1000								12.0	39.4

W3517 NEC Type CMR CSA C(UL)	23 (Solid) Bare Copper 20.4Ω/M' 66.9Ω/km	Polyethylene		95% Bare Copper Braid Shield	1	.242	6.15	75	66%	20.5	67.3	10	1.1	3.6
						PVC Jacket Black						50	2.4	7.9
		.146	3.71									200	4.9	16.1
												400	7.0	23.0
												700	9.7	31.8
												900	11.1	36.4
												1000	12.0	39.4

W3518 Flexible Version	22 (7/30) Bare Copper 15.0Ω/M' 49.2Ω/km	Cellular Polyethylene		95% Bare Copper Braid Shield	1	.242	6.15	75	78%	17.3	56.8	10	.9	3.0	
						PVC Jacket Matte Black							50	2.1	6.9
		.146	3.71										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

RG-59/U Miniature

W2889 NEC Type CMR CSA C(UL)	25 (19/37) Bare Copper 27.4Ω/M' 81.0Ω/km	Cellular Polyethylene		Al Foil + 95% Tinned Copper Braid Shield	1	.150	3.81	75	82%	16.5	54.1	1	.47	1.54		
						PVC Jacket Black							3.6	.95	3.12	
		.102	2.59										10	1.6	5.25	
														71.5	3.7	12.1
														270	7.1	23.3
														720	11.6	37.9
														1000	13.8	45.3

Standard Analog Video Cables NEC Art 800 Type CMR CSA C(UL)

WCC	AWG	Dielectric Type		Shield	No. of	Nominal O.D.		Nom	Nom.	Nominal		Nom. Attenuation		
Part	(Stranding)	Nom O.D.						Imp	Vel of	Capacitance		Freq.	dB/	dB/
Number	Nom DCR	Inch	mm					Type	Coaxes	Inch	mm	Ohms	Prop.	pF/ft

RG-59/U Double Braid

W1104	20 (Solid) Bare Copper 9.9Ω/M' 32.5Ω/km	Polyethylene		98% Tinned Copper Double Braid Shields	1	.305	7.75	75	66%	20.5	68.9	1	.25	.82
						Polyethylene Jacket Black		3.6	.54	1.77				
								10	.78	2.56				
								71.5	2.1	6.89				
								270	4.3	14.1				
								720	7.4	24.3				
								1000	9.2	30.2				

W3519 NEC Type CMR CSA C(UL)	20 (Solid)	Cellular		98%	1	.305	7.75	75	66%	20.5	68.9	1	.25	.82
	Bare	Polyethylene				Tinned	PVC Jacket Black, White		3.6	.57	1.87			
	Copper	.198	5.03			Copper			10	.87	2.85			
	9.9Ω/M'					Double			71.5	2.4	8.04			
	32.5Ω/km					Braid			270	5.1	16.7			
			Shields			720			8.3	27.4				
						1000			10.1	33.1				

RG-6/U

W1370 NEC Type CMR CSA C(UL)	18 (Solid)	Cellular		Al Foil + 61% Tinned Copper Braid 100% Shield Coverage	1	.270	6.86	75	82%	16.2	53.1	10	.7	2.3
	Bare	Polyethylene				PVC Jacket						50	1.5	4.9
	Copper	.180	4.57			Black						200	2.8	9.2
	6.4Ω/M'											400	4.0	13.1
	21.0Ω/km											700	5.3	17.4
									900	6.1	20.0			
									1000	6.5	21.3			

RG-11/U

W1078	14 (Solid) Bare Copper 2.6Ω/M' 8.5Ω/km	Cellular Polyethylene		97% Bare Copper Braid Shield	1	.405	10.29	75	84%	16.1	52.8	10	.35	1.1		
						Black Polyethylene Jacket								50	.90	3.0
		.285	7.24									200	1.9	6.2		
												400	2.9	9.5		
												700	4.1	13.5		
												900	4.8	15.7		
												1000	5.2	17.1		

Video

Standard Analog Video Cables

NEC Art 800 Type CMP CSA C(UL)

Western Cable's plenum standard analog video cable is ideally suited for use in non-critical video applications such as CCTV, MATV, monochrome and color monitors. Many other construction parameters and jacket compounds/colors are available. Please consult the factory.

WCC	AWG	Dielectric Type		Shield Type	No. of Coaxes	Nominal O.D.		Nom Imp	Nom. Vel of Prop.	Nominal Capacitance		Nom. Attenuation		
Part Number	(Stranding)	Nom O.D.				Inch	mm	Ohms		pF/ft	pF/m	Freq. MHz	dB/100ft	dB/100m
	Nom DCR	Inch	mm											

RG-59/U

W2180 NEC Type CMP CSA C(UL)	23 (Solid)	FEP		97% Bare Copper Braid Shield	1	.193	4.90	75	69.5%	19.5	64.0	10	1.0	3.3
	Bare					Plenix Jacket Black, White	50					2.3	7.5	
	Copper	.134	3.40				200					5.4	17.7	
	Covered						400					8.4	27.6	
	Steel						700					11.6	38.0	
	52.0Ω/M'						900					13.8	45.3	
	170.6Ω/km						1000					14.8	48.5	

W2182 NEC Type CMP CSA C(UL)	22 (7/30) Bare Copper 15.0Ω/M' 49.2Ω/km	Cellular FEP		95% Bare Copper Braid Shield	1	.193	4.90	75	78%	17.3	56.7	10	.9	3.0	
		.135 3.43				Plenix Jacket Black, White							50	2.1	6.9
													200	4.5	14.8
													400	6.6	21.6
													700	9.0	29.5
													900	10.1	33.1
													1000	11.0	36.1

RG-59/U Double Braid

W2379 NEC Type CMP CSA C(UL)	20 (Solid) Bare Copper 9.9Ω/M' 32.5Ω/km	FEP		98% Tinned Copper Double Braid Shield	1	.271	6.88	75	69.5%	19.5	64	1	.25	.82			
		.185	4.70			Plenix Jacket Black 											
			3.6	.54	1.77												
			10	.78	2.56												
			71.5	2.3	7.50												
			270	5.0	16.4												
			720	9.7	31.8												
			1000	12.3	40.4												

RG-6/U

W2181 NEC Type CMP CSA C(UL)	18 (Solid) Bare Copper 6.4Ω/M' 21.0Ω/km	Cellular FEP		Al Foil + 63% Tinned Copper Braid 100% Shield Coverage	1	.226	5.74	75	82%	16.2	53.1	10	.66	2.2
		.170	4.32									50	1.5	4.9
												200	3.1	10.2
												400	4.5	14.8
												700	6.0	19.7
												900	6.9	22.6
												1000	7.3	23.9

RG-11/U

W2406	14 (Solid) Bare	Cellular FEP		Al Foil + 63%	1	.348	8.84	75	82%	16.2	53.1	10	.40	1.3
NEC Type CMP CSA C(UL)	Copper	.247	6.96	Tinned								50	1.0	3.3
	2.5Ω/M'			Copper								200	2.2	7.2
	8.2Ω/km			Braid								400	3.3	10.8
				100% Shield Coverage								700	4.5	14.8
												900	5.2	17.1
												1000	5.5	18.0