



# Multicom Composite Camera Cable RG59 - 95% Braid with 18/2, 16/1 and 22/2PR Product Specifications

Element 1 - COAX RG-59		Element 2 - 18 AWG / 2 Cond		Element 3 - 16 AWG / 1 Cond		Element 4 - 22 AWG / 2PR		Overall Assembly	
<b>Center Conductor</b>		<b>Conductor</b>							
Type	RG-59/U	Number	2	1	2 Pair	na			
Conductor AWG	22	Gauge	18 AWG	16 AWG	22 AWG	na			
Conductor Material	Bare Copper	Strand	16 Strands, 30 AWG	26 Strands, 30 AWG	7 Strands, 30 AWG	na			
Stranding	30 Stranded	Material	Tinned Copper	Tinned Copper	Tinned Copper	na			
<b>Dielectric</b>		<b>Insulation</b>							
Material	PE	Material	PVC	PVC	PVC	na			
Diameter	0.146"	Wall Thickness	0.032"	0.032"	0.010"	na			
Color	Natural	Color Code	Red, Black	Green	Red/Blk, Grn/Wht	na			
<b>Shield</b>		<b>Assembly</b>							
Material - 1st Braid	Bare Copper	Cable Lay Length	5"	n/a	-	na			
Coverage - 1st Braid	95% Braid	Drain Wire	n/a	-	7 Stds, 32 AWG	na			
Material - 2nd Braid	na	<b>Jacket</b>							
Coverage - 2nd Braid	na	Material	-	-	-	PVC			
<b>Jacket</b>		Wall Thickness	-	-	-	0.045"			
Material	PVC	Diameter	-	-	-	0.560"			
Wall Thickness	0.032"	Color Code	-	-	-	Black			
Diameter	0.242"	Weight	-	-	-	-			
Color	Black	Ripcord	-	-	-	-			
<b>Markings</b>		<b>Markings</b>							
Type	n/a	Type	na	na	na	Inkjet Print			
Legend	See Note 1	Legend	na	na	na	See Note 2			
<b>Electric Characteristics</b>		Footage Markers	na	na	na	-			
Conductor DC Resistance @20°C	-	<b>Standards</b>							
Shield DC Resistance @20°C	-	UL	-	-	-	n/a			
Capacitance	18pF/ft	CL3R / CMR	-	-	-	n/a			
Impedance	75 Ohm	RoHS	Compliant	Compliant	Compliant	Compliant			
Propagation Velocity	78%	<b>Ratings</b>							
Return Loss	-	Voltage	-	-	-	22AWG-300V, 18/16AWG-600V			
<b>Standards</b>		Temperature	-	-	-	80°C (176°F)			
UL	na	Copper Weight	-	-	-	-			
Material	RoHS	Note 1: RG59 E119037 22AWG CL2 75C (UL) or E86737AWM STYLE 1354 80C 30V VW-1 MADE IN USA Note 2: MULTICOM-SPD-21902							

(MHz)	Attenuation (dB/100ft)	(MHz)	Attenuation (dB/100ft)
50	2.20	700	9.00
100	3.10	900	9.90
200	4.70	1000	10.80
400	6.80		

Part# M-CC-59PVCBC-95-18/2-22/PR-PVC-E

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