



Multicom Traffic Surveillance Camera Cable 18/3 Unshielded with Precision Video Product Specifications

Characteristic	Element 1 - COAX RG-59
Center Conductor	
Type	RG-59/U
Conductor AWG	20
Conductor Material	Bare Copper
Stranding	Solid
Dielectric	
Material	PE
Diameter	0.198 ±0.002"
Color	Natural
Shield	
Material - 1st Braid	Tinned Copper
Coverage - 1st Braid	98% Braid
Material - 2nd Braid	Tinned Copper
Coverage - 2nd Braid	98% Braid
Jacket	
Material	PE
Wall Thickness	0.032"
Diameter	0.304" ±0.008"
Color	Black
Markings	
Type	Surface indent legend
Legend	See Note 1
Electric Characteristics	
Conductor DC Resistance @20°C	10.2 ohm/1000'
Shield DC Resistance @20°C	1.85 ohm/1000'
Capacitance	21pF/ft
Impedence	75 Ohm ±2@20°C
Propagation Velocity	66%
Return Loss	> -23dB 1-455MHz > -19dB 455MHz-1GHz
Standards	
UL	na
Material	RoHS

Characteristic	Element 2 - 18 AWG / 3 Cond	Overall Assembly
Conductor		
Number	3	na
Gauge	18 AWG	na
Strand	Class K 16 Strands	na
Material	Annealed Bare Copper	na
Insulation		
Material	PVC	na
Wall Thickness	0.015"	na
Color Code	Black, White, Grn	na
Assembly		
Cable Lay Length	na	6" LHL
Drain Wire	na	na
Weight		104 Lbs.
Jacket		
Material	na	PE
Wall Thickness	na	0.030"
Diameter	na	0.450
Color Code	na	Black
Ripcord	na	Yes
Markings		
Type	na	Inkjet Print
Legend	na	See Note 2
Footage Markers	na	Yes
Standards		
UL	na	na
CL3R / CMR	na	na
RoHS	na	Compliant
Ratings		
Voltage	na	-
Temperature	na	-
Copper Weight	na	-
Note 1: PRECISION VIDEO RG/59 75ohm 20AWG DIR BUR, SUN RES MADE IN USA "ROHS"		
Note 2: 2W19-0001 20AWG COAX CABLE + 18AWG 3C MADE IN USA ROHS COMPLIANT		

(MHz)	Attenuation (dB/100ft)	(MHz)	Attenuation (dB/100ft)
1	0.14	180	2.73
10	0.67	360	4.88
67.5	1.98	720	7.69
100	2..25	1000	9.09

Part# M-CC-59PEBC-98/2-18/3-PE-H

 www.multicominc.com
Click Here to Learn More About Multicom Traffic Products

Multicom, Inc.
Ph: 800-423-2594
Fax: 407-339-0204
Email: multicom@multicominc.com