

PRODUCT SPECIFICATIONS

RG59+18-2C

Description:	20AWG solid bare copper RG59/U 75 Ohm Non-Plenum coaxial cable and two 18AWG bare copper conductors, in a siamese construction, with an overall jacket
Ratings/Approvals:	NEC Article 800, UL Subject 444, Type CM, C(ETL)US, RoHS Compliant
Applications:	CCTV, Radio, Camera and Camera Control

CONSTRUCTION

Conductor (coax):	20 AWG Bare Copper	Conductor (2C):	18 AWG Bare Copper
Stranding (coax):	Solid	Stranding (2C):	7 Strand
Dielectric Material (coax):	Cellular Polyethylene	Insulation Material (2C):	Polyolefin
Dielectric Core Diameter (coax):	0.145 in. (3.688 mm.) Nominal	Insulation Thickness (2C):	0.007 in. (0.228 mm.) Nominal
Braid Shield (coax):	BC Braid	Color Code (2C):	Black, Natural
Overall Construction type:	Siamese		
Overall Jacket Material:	Polyvinyl Chloride		
Nominal Overall Dimensions:	Minor over RG-59/U:	0.237 in (6.019 mm) Nominal	
	Minor over 18/2C:	0.192 in (4.876 mm) Nominal	
	Major:	0.454 in (11.531 mm) Nominal	
Approx Cable Weight/1,000ft.:	52 lbs.		

ELECTRICAL & PHYSICAL PROPERTIES

Operative Voltage:	300 V RMS	
Nominal Capacitance (coax):	16.3 pF/ft	
Nominal Velocity of propagation (coax):	84%	
Nominal Impedance (coax):	75Ω	
Nominal attenuation per 100ft (coax):	1.90 dB @ 50 MHz	7.00 dB @ 700 MHz
	3.60 dB @ 200 MHz	8.00 dB @ 900 MHz
	5.00 dB @ 400 MHz	8.50 dB @ 1000 MHz
Temperature Rating:	-10°C to +60°C	