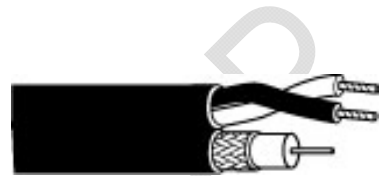


**RG59/U COAXIAL CABLE +  
2 CONDUCTOR 18 AWG  
SIAMESE  
CCTV  
TYPE CL2R / CMR**



**1.0 SCOPE:**

- 1.1 This cable consists of two components: Component A: One RG59/U 20 AWG solid bare copper center conductor; gas injected foamed Polyethylene insulation; 95% copper clad aluminum braid AND Component B: 2 conductors 18 AWG stranded bare copper; color-coded PVC insulation; overall PVC jacket. Type CL2R / CMR  
RoHS Compliant

**2.0 CONSTRUCTION:**

**Component A**

**2.1 RG59/U CENTER CONDUCTOR:**

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 20 AWG
- 2.1.3 Construction: Solid

**2.2 INSULATION:**

- 2.2.1 Material: Gas Injected Foamed Polyethylene
- 2.2.2 OD: .146" nom.

**2.3 BRAID:**

- 2.3.1 Material: Copper Clad Aluminum
- 2.3.2 Size: 34 AWG
- 2.3.3 Coverage: 95%

**2.4 JACKET:**

- 2.4.1 OD: .038" nom.

**Component B**

**2.5 2/C 18 AWG CONDUCTOR:**

- 2.5.1 Material: Bare Copper
- 2.5.2 Size: 18 AWG
- 2.5.3 Construction: 7 x 26

**2.6 INSULATION:**

- 2.6.1 Material: PVC
- 2.6.2 OD: .046" nom.
- 2.6.3 Color code: 1-Black, 2-Red

**2.7 JACKET:**

- 2.7.1 Material: PVC
- 2.7.2 Wall Thickness: .028" nom.
- 2.7.3 OD: .237" x .427" nom.
- 2.7.4 Markings: "PAIGE #74310118NP  
RG59/U 1C 20 AWG 1PR 18 AWG  
UL TYPE CMR/CL2R E191596 - 95%  
BRAID COVERAGE  
(Ascending/Descending footage  
markings)

**2.8 ELECTRICAL PROPERTIES:**

- 2.8.1 Capacitance: 15.8 pF/Ft
- 2.8.2 Impedance: 75 Ohms
- 2.8.3 Velocity of Propagation: 84%
- 2.8.4 Attenuation (nom):

5 MHz	0.75 db/100'
55 MHz	1.84 db/100'
500 MHz	5.22 db/100'
800 MHz	6.71 db/100'
1000 MHz	7.68 db/100'

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