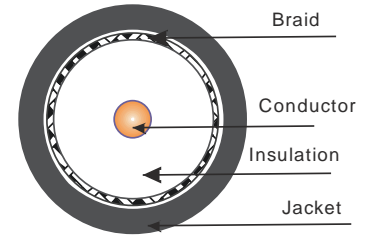




## RG59/U Bare Copper CCTV Coax CL2R/CMR Part No. 3492



### Physical Characteristics

- **Conductor:** 20 AWG Solid Bare Copper
- **Insulation:** Nitrogen-Injected Foam Polyethylene Dielectric
- **Dielectric Diameter(in):** 0.146
- **Dielectric Color:** Natural
- **Braid:** Copper-Clad Aluminum Alloyed, 95% Coverage
- **Jacket:** PVC (Flame-Retardant, SUN RES & RoHS compliant)
- **Nominal Cable Diameter (in):** 0.240
- **Nominal Cable Net Weight (lbs/1000ft):** 25.57
- **Minimum Bend Radius (in):** 3.0
- **Maximum Pulling Force (lbs):** 35
- **Temperature Rating (°F):**  
Installation: +32 to + 140    Storage & Operation: -4 to + 167

### Features & Benefits

- Install Friendly
- Nitrogen-Injected Foam Polyethylene Dielectric reduces the high-frequency attenuation, while maintaining uniform cell structure, low return loss and exceptional crush resistance
- Flexible & Easy to Strip
- Meets or Exceeds NEC Standards
- Sunlight Resistant & RoHS compliant
- Legend marking for Rooms and Zones to save installation time
- E-Z footage marking with ascending and descending order
- Fully swept tested to 3.0 GHz
- Free from restricted metals and hazardous compounds. Check our green leaf label for more information
- Combines indoor/outdoor applications into one product. Complies with the UL 1581 sunlight resistance requirement for outdoor installations. (Do not use as a substitute for OSP Cables)

### Applications

- High-Definition Serial Digital Video, High-Resolution Analog Video, High-End Broadband Signal Transmission for satellite use, Digital Audio (AES3id, SPDIF or Word Clock), CCTV Transmissions

### Standard Compliances

- **NEC:** 725 & 820
- **UL Standard:** UL 13 & UL444
- **ANSI/SCTE:** 74
- **Flame Rating:** UL 1666(Riser), FT4
- **RoHS:** Compliant Directive 2011/65/EU

### Certifications



### Certificates for Management System

- **ISO9001: 2008, ISO14001: 2004, OHSAS 18001**

### Electrical Characteristics

Freq (MHz)	Nom Attenuation (dB/100')	Min Return Loss (dB)
5	0.68	20
55	2.26	20
211	4.42	20
400	6.08	20
550	7.13	20
750	8.33	20
870	8.92	20
1000	9.62	20
1450	11.31	15
1750	12.62	15
2250	14.49	15
2400	15.08	15
3000	17.06	15

\* Spec meets ANSI/SCTE 74 standard. Frequencies beyond the SCTE requirements are for information only. All values are dB/ 100 ft

Nom Capacitance (pF/1ft)	Characteristic Impedance 200MHz	Nom Velocity of Propagation (%)	Voltage Rating	Conductor ( $\Omega/1M'$ @ 68 °F)
17	75	84%	300 Volts	10.5