

RG59/U COAXIAL CABLE COPPER CLAD ALUMINUM BRAID TYPE CM



1.0 SCOPE:

- 1.1 This cable consists of a 20 AWG solid bare copper conductor; foamed polyethylene insulation; overall 95% copper clad aluminum braid; overall black or white sunlight resistant PVC jacket.
Type CM
UL Standard 444
NEC Article 800
UL 1581 Riser

2.0 CONSTRUCTION:

2.1 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: Foamed Polyethylene
2.2.2 Wall Thickness: .057" nom.
2.2.3 OD: .145"
2.2.4 Color code: White

2.3 BRAID:

- 2.3.1 Material: Copper clad aluminum
2.3.2 Strands: .005" nom.
2.3.3 Coverage: 95%
2.3.4 DC Conductivity: 64.4% min. IAGS

2.4 JACKET:

- 2.4.1 Material: PVC
2.4.2 Wall Thickness: .032" nom.
2.4.3 OD: .240" nom.
2.4.4 Color: Black or White
◆2.4.5 Markings: Paige 8X59CA4XX CCTV RG 59 20
AWG BC, 95% CCA BRD CM (****) 75° C
(**) ROHS COMPLIANT (**) (****) (*)

2.5 ELECTRICAL PROPERTIES

- 2.5.1 Temperature: -20°C to 75°C
2.5.2 Voltage: 300 Volt
2.5.3 Capacitance: 16.5 pF/Ft. nom.
2.5.4 Impedance: 75 Ohms/M'
2.5.5 Resistance (Conductor): 10.9 Ohms/M' @ 20°C
2.5.6 Resistance (Braid): 9.0 Ohms/M' @ 20°C
2.5.7 Max. Attenuation:
- | | |
|----------|--------------|
| 1 MHz | 0.86 Db/100' |
| 400 MHz | 5.10 Db/100' |
| 1000 MHz | 8.12 Db/100' |

2.6 PACKAGING & LENGTH CODE (xx):

- B = Box
R = Reel/Spool
S = Speed Coil
1 = 1000'
5 = 500'

◆Print Legend:

Printing to be permanently identified via inkjet or print wheel print. (Embossed NOT Acceptable).

(*) Ascending / Descending Footage to Repeat Every 2 Feet.

(**) Manufacturer's lot number (for traceability)

(***) Cable Mill Factory Identification

(****) UL or ETL Listed & CSA Certified or C(UL)US Listed Acceptable

(*****) Date of Manufacture: (MM/DD/YYYY Preferred) (MM/YYYY Acceptable).

The information and specifications described herein are subject to error or omission and to change without notice.

Paige provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Paige be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Paige has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.