Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



5439X5 Coax - Surveillance and CCTV Applications



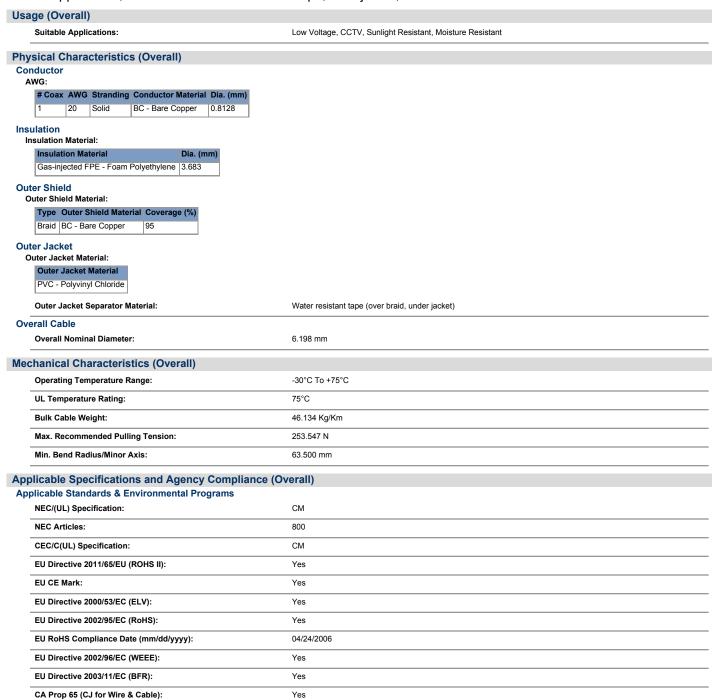
For more Information please call

1-800-Belden1



General Description:

Surveillance, CCTV Cable, RG59, Rated-CM, 20 AWG solid bare copper, foamed polyolefin core, 95% bare copper braid, CoreGuard® water resistant tape, PVC jacket, UV resistant



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| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-------------------|
| RG Type: | 59/U |
| Series Type: | Series 59 |
| Flame Test | |
| UL Flame Test: | UL1685 UL Loading |
| C(UL) Flame Test: | FT1 |
| Suitability | |
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Sunlight Resistance: | Yes |
| Plenum/Non-Plenum | |
| Plenum (Y/N): | No |

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 75

Nom. Inductance:

Inductance (µH/m) 0.318257

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m) 53.4803

Nominal Velocity of Propagation:

VP (%)

Nominal Delay:

Delay (ns/m) 3.97001

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 32.81

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 11.4835

Nom. Attenuation:

| Freq. (MHz) | Attenuation (dB/100m) |
|-------------|-----------------------|
| 1 | 0.9843 |
| 5 | 2.13265 |
| 10 | 2.9529 |
| 50 | 6.2339 |
| 100 | 8.5306 |
| 200 | 11.8116 |
| 400 | 16.405 |
| 700 | 22.967 |
| 900 | 26.248 |
| 1000 | 27.8885 |

Max. Operating Voltage - UL:

Voltage 300 V RMS

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------|-------|--------------|
| 5439X5 0101000 | 1,000 FT | 33.000 LB | BLACK | С | RG-59/U COAX |

Notes: C = CRATE REEL PUT-UP.

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Revision Number: 1 Revision Date: 03-11-2013

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