

DESCRIPTION

- This Cable has 18 AWG bare copper center conductor surrounded by a foam polyethylene dielectric, 60% AL braid, Dual Burial Water Block and PVC Jacket. Use for CL1, CL2, CM, CMR, CMX and CMG installations. Sweep-tested to 3GHz to ensure performance.

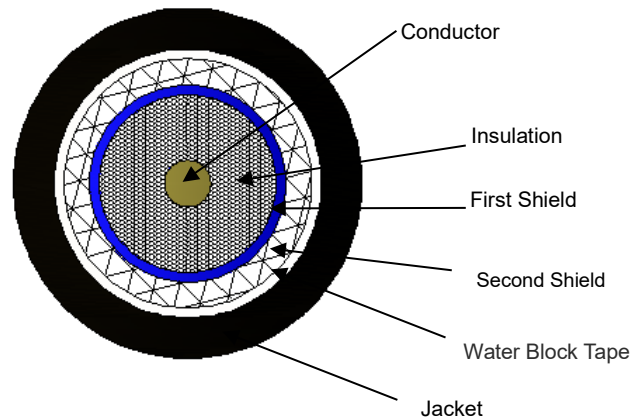
APPLICATIONS

- Indoor for CCTV, MATV, and SMATV
- Outdoor for Digital Satellite Reception

STANDARD COMPLIANCES

- ANSI/TIA 568-C.2
- NEC Article 800 & 820 Compliance
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Comply to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG
- UV Resistant

PART NO. 6OUTWCCSRX



PHYSICAL PROPERTIES

| | | |
|----------------------------|-------------------------------|----------------------------|
| Conductor | Material | Solid Copper Clad Steel |
| | Nominal Outside Diameter | 1.02 mm (± 0.01) |
| Insulation | Material | Foam PE |
| | Diameter | 4.57 mm (± 0.) |
| First Shield | Material | Aluminum / PET-Foil-Bonded |
| Second Shield | Material | Aluminum Wire |
| | Construction | 0.1mm x 16 x 5 |
| Flooded | Material | Water Blocking Tape |
| Jacket Physical Properties | Before Aging Tensile Strength | 15.0 Mpa |
| | Elongation (%) | 500 |
| Jacket | Material | PE (Complies RoHS) |
| | Nom. Thickness | 0.68 mm |
| | External O.D. | 6.60 ± 0.20 mm |
| | Color | Black |

ELECTRICAL CHARACTERISTICS

| | |
|-------------------------------------|--------------|
| Nom. Center Conductor DC Resistance | 32.0 ohm/kft |
| Velocity of Propagation (%) | 82 |
| Nominal Capacitance | 15.6 pF/ft |
| Impedance | 75 ± 3 Ohms |
| Jacket Spark Test Voltage | AC 3000V |
| Temperature Range | -45 ~ 80°C |

1000' Wood Reel
Weight: 33 lbs.

AVAILABLE RG6/U (PART NUMBERS)

| PVC | Plenum | Direct Burial |
|-------------|-----------|---------------|
| 6CCSCMR5B5x | 6CCSCMPRx | 6OUTWCCSRB |
| 6CCSCMRxx | | |
| 6SCCMR95RB | | |
| 6DCCSCMRRB | | |
| 6182SCCMRRB | | |

All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%. It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice

Toll Free: (866) 945-5051
Local: (770) 945-5051
Fax: (770) 945-9582
www.commoditycables.com



RG6 18AWG 3GHz CCS 60% AL BRAID DUAL BURIAL DUAL SHIELD WATER BLOCK CATV

PART NO. 6OUTWCCSRX

ELECTRICAL PERFORMANCE

| FREQUENCY (MHz) | ATT (dB/100ft) NOM |
|--------------------|-----------------------|
| 10 | 0.82 |
| 55 | 1.60 |
| 211 | 3.05 |
| 400 | 4.15 |
| 870 | 6.10 |
| 1000 | 6.54 |
| 1450 | 8.04 |
| 2250 | 10.0 |
| 3000 | 11.90 |

| AVAILABLE JACKET COLORS | |
|-------------------------|-----------------------|
| STANDARD | BLACK |
| SPECIAL | Per Customer Request* |

JACKETS ABBREVIATION

| | | |
|--------|----|--|
| Black | B | Last alphabetical character of each part number indicates the color code that the Jacket is available in. For example Part # 6CMR244Bx ("x" indicates all the colors to the left are available for this product. |
| White | W | |
| Gray | G | |
| Blue | O | |
| Yellow | Y | |
| Green | V | |
| Orange | OR | |
| Purple | P | |
| Red | R | |
| Pink | PI | |

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