

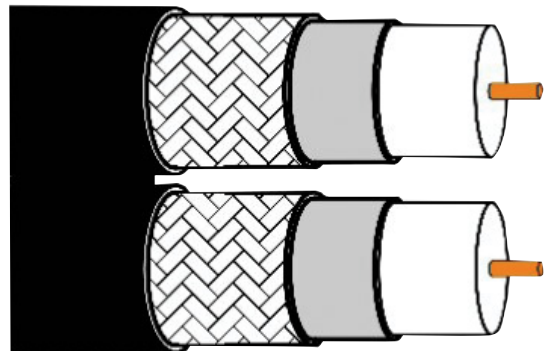
## RG6U-BLK-DUAL-500BC

### Dual RG-6 Coaxial Cable with Bare Copper Center, Swept tested to 3000 MHz

Introducing our Dual RG-6 Coaxial Cable, engineered with a bare copper center for optimal conductivity and signal strength. Swept tested to an impressive 3000 MHz, this cable ensures superior performance and reliability, delivering quality digital RF signals for your needs. This cable is perfect for versatile connectivity options, such as, satellite systems, QAM RF distribution and broadband Internet. CableTronix cables are manufactured with pure copper and never contain impurities found in recycled metals. Trust in our high-quality coaxial cable to provide seamless transmission and unmatched performance in your system.

#### Physical Dimensions

|                                   |              |
|-----------------------------------|--------------|
| Nominal Center Conductor Diameter | 1.02±0.01 mm |
| Nominal Diameter Over Dielectric  | 4.57± 0.10mm |
| Nominal Diameter Over Jacket      | 6.85±0.15 mm |
| Aluminum Foil (EAA) Overlap       | 18%          |
| Nominal Braiding Coverage         | 60%          |
| Braiding Wire Count               | 80           |
| Jacket Material                   | PVC          |
| Jacket Colors                     | Black        |



#### Electrical Performance

|                                 |  |
|---------------------------------|--|
| Center Conductor DC Resistance  | 22 Ohms/km @68°F (20°C)                  |
| Shield DC Resistance            | 43 Ohms/km @68°F (20°C)                  |
| Nominal Impedance               | 75±3 Ohms                                |
| Nominal Velocity of Propagation | 83%                                      |
| Nominal Delay                   | 1.22 Ns/Ft                               |
| Capacitance                     | 16.2 PF/Ft ± 1.0 PF/Ft                   |
| Swept Tester                    | 5-3000 MHz                               |
| UL                              | CATV/CM                                  |
| Footage Markers                 | Every 2 FT                               |
| Return Loss                     | 5-1000 MHz > 20dB<br>1001-3000 MHz >15dB |
| Application                     | Indoor & Outdoor Use                     |
| Operating Temperature           | -40 - 167°F (-40 - 75°C)                 |

#### Ordering Information

| Model Number        | Jacket Color | Size/Type        |
|---------------------|--------------|------------------|
| RG6U-BLK-DUAL-500BC | Black        | 500'/Reel-in Box |

#### Attenuation at 100 ft.

|          |                  |
|----------|------------------|
| 5 MHz    | 0.51 - 0.57 dB   |
| 55 MHz   | 1.45 - 1.60 dB   |
| 211 MHz  | 2.78 - 2.87 dB   |
| 600 MHz  | 4.88 - 4.98 dB   |
| 750 MHz  | 5.51 - 5.62 dB   |
| 1000 MHz | 6.30 - 6.54 dB   |
| 1450 MHz | 7.84 - 8.00 dB   |
| 1750 MHz | 8.61 - 8.74 dB   |
| 2050 MHz | 9.40 - 9.46 dB   |
| 2250 MHz | 9.78 - 10.00 dB  |
| 3000 MHz | 11.30 - 11.90 dB |