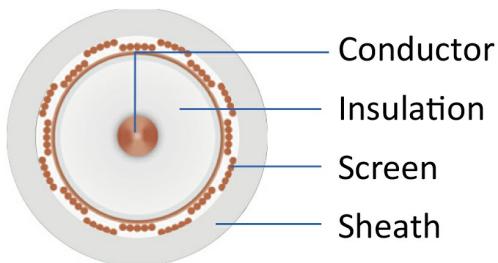
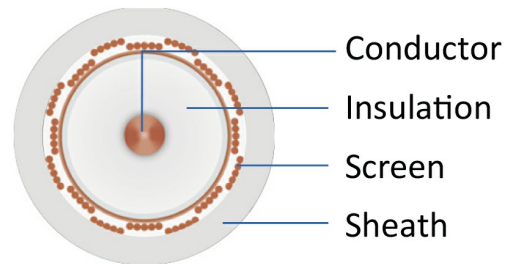


Braytron

PRODUCT DATASHEET

| | |
|-------------|---------------------------------------|
| MODEL NO | BZ20-00230 |
| DESCRIPTION | BRY-COAXIAL-RG6-CX4-CU-WHT-100M-CABLE |



General Characteristics

| | | |
|----------------------|---|--------------|
| Model No | : | BZ20-00230 |
| Main Family | : | Electrical |
| Sub Family | : | Cable |
| Cable Length | : | 100 mt |
| Field of Application | : | Indoor |
| Temperature | : | -30 °C+70 °C |
| Bending Radius | : | 10 x D |
| CPR Class | : | Class D |
| DoP No. | : | 1 |
| Sheath Colour | : | White |

Package Informations

| | | |
|---------|---|---------------|
| N.W. | : | 24,00 kgs |
| G.W. | : | 24,50 kgs |
| PCS/CTN | : | 6 roll |
| Length | : | 565 mm |
| Width | : | 290 mm |
| Height | : | 310 mm |
| EAN | : | 5949097745935 |

Certificates and Regulations

| | | |
|------------------|---|-------------------------------------|
| Coaxial TSE | : | Yes |
| 2015/863/EU RoHS | : | Restriction of Hazardous Substances |
| 2014/35/EU LVD | : | Low Voltage Directive |

Dimensions & Weight

| | | |
|----------------|---|--------------|
| Weight | : | 4000 gr/roll |
| Copper Approx | : | 7.27kg/km |
| Outer Ø Approx | : | 6,59 mm |

Attenuation at 20°C

| | | |
|----------|---|---------------|
| 5 mHz | : | 2,5 dB/100m |
| 50 mHz | : | 4,32 dB/100m |
| 200 mHz | : | 8,47 dB/100m |
| 400 mHz | : | 11,33 dB/100m |
| 800 mHz | : | 17,21 dB/100m |
| 1000 mHz | : | 19,79 dB/100m |
| 2150 mHz | : | 28,26 dB/100m |
| 2400 mHz | : | 30,1 dB/100m |
| 3000 mHz | : | 33,65 dB/100m |

Flame Characteristics

| | | |
|------------------|---|---------|
| Flame Retardancy | : | UV+Rohs |
| Halogen Free | : | Yes |
| Smoke Density | : | Middle |

Low-Frequency and Electrical Characteristics

| | | |
|--------------------------|---|------------------------------------|
| Insulation resistance | : | $\geq 2 \text{ G}\Omega\text{xkm}$ |
| Characteristic impedance | : | $75 \pm 3 \Omega$ |
| Capacitance | : | $52 \pm 2 \text{ pF/m}$ |
| Operating Voltage | : | Max. 1300 V |
| Test Voltage | : | 3000 V |

High-Frequency and Transmission Characteristics

| | | |
|-------------------------|---|--|
| 18 B type / 75-5 type | : | 18AWG |
| Test Frequency | : | 5-3000 MHz |
| Velocity of Propagation | : | $84\% \pm 2$ |
| Return Loss | : | 5-470MHz > 20dB 470-1000MHz > 18dB 1000-2000MHz > 16dB 2000-3000MHz > 15dB |
| Screening Attenuation | : | 300-1000MHz $\geq 75\text{dB}$ 1000-2000MHz $\geq 65\text{dB}$ 2000-3000MHz $\geq 55\text{dB}$ |
| Transfer Impedance | : | 5-30MHz $\leq 50\text{m}\Omega/\text{m}$ |
| Screening Class | : | Class C Type |

Construction

| | | |
|------------|---|-----------------------------|
| Conductor | : | 1.02CU 18 AWG |
| Insulation | : | 4.57FPE |
| Screen | : | CuAl+PET FOIL+96x0.12CCA |
| Sheath | : | PVC |