

BC-5X

5 Mini Coax High-Resolution Bulk Cable



Kramer's BC-5X is a high-resolution, 75Ω 5 mini-coaxial cable perfect for routing RGBHV signals in commercial or residential AV systems

FEATURES

Quality Construction - Each coax has a 28AWG center conductor and copper braid shield. Coax jackets are color-coded red, green, blue, yellow, black. Rugged and flexible jacket with internal rip cord and sequential markings every meter

Universal Compatibility - Compatible with Kramer's compression connectors as well as typical crimp systems

Length - Available in reels of 100/300m (328/985ft)



TECHNICAL SPECIFICATIONS

CONDUCTORS Size: 5x28AWG

Material: Tinned copper

Diameter: 0.37mm

INSULATION Material: FOAM-PE

Diameter: 1.6±0.09

Thickness: 0.64mm

Color Code: Yellow, Blue, Green, Red and Black

SCREENING Type: Braid

Material: Tinned copper

Coverage: 90%

INNER - JACKET Material: PVC

Diameter: 2.75mm

Color Code: Yellow, Blue, Green, Red, Black

Overall Screening: Material: Tissue paper.; Overlap: 25%

JACKET Material: PVC

Diameter: 9.2mm ±0.25mm

Thickness: 0.76mm

Color: Dark gray

ELECTRICAL Voltage Rating: 30V

Temperature Rating: 80°C (176°F)

Insulation Resistance: DC-500V 100M Ω/km min. at 20 $^{\circ}C$

Conductor Resistance: 28AWG- 237 Ω /km max. at 20 $^{\circ}$ C

Impedance $75\Omega \pm 5\Omega$

Velocity of Propagation (NVP): 78%

Capacitance (each coax cable): 56pF/M at 1KHz

Attenuation (DB/100FT)

0.6dB@1MHz; 1.2dB@3.6MHz; 1.4dB@5MHz; 1.7dB@7MHz; 2dB@9MHz; 2.1dB@10MHz; 3.8dB@30.0MHz;

3.8dB@30.0MHz; 5.1dB@50.0MHz; 7.6dB@100MHz

STANDARDS COMPLIANCE

UL: CL2

CSA: FT4

RoHS: 2011/65/EU



CONFIGURATIONS

BC-5X-100M	5 Conductor Hi-Res Mini-Coax (28 AWG) Bulk Cable
BC-5X-300M	5 Conductor Hi-Res Mini-Coax (28 AWG) Bulk Cable