



Kramer's **BC-5X5S** is a high-resolution 28 AWG 75Ω 5-mini coaxial cable with 5 additional 28 gauge single strands and an outer shield. Its unique design makes it ideal for building it into 5BNC or 15-pin HD (VGA/UXGA) cables and routing computer graphic video signals in professional A/V systems.

FEATURES

- **Quality Construction** - Each coax has a 28 gauge solid center conductor and dual shield design consisting of copper braid and aluminum Mylar foil. A dual layer outer shield surrounds the other components and consists of a copper braid and aluminum Mylar foil. Coax jackets are color-coded red, green, blue, yellow, black. Rugged and flexible jacket with internal rip cord and sequential markings every meter.
- **Extra Single Strands** - Extra strands allow passing of extra pins for ID bit support in 15-pin HD cables.
- **Universal Compatibility** - Compatible with Kramer's compression connectors as well as typical crimp systems.
- **Length** - Available in reels of 100/300m (328/985ft).

SPECIFICATIONS:

Dielectric: Foam polyethylene.
 Shield: (A) 85% braid 38 AWG tinned copper.
 (B) Aluminum Mylar foil 25% overlap rate.

COAX:
 Jacket Colors: Red, green, blue, yellow, black.

DIAMETERS:
 Center Conductor: 0.015in (0.38mm).
 Dielectric: 0.063in (1.6mm).
 Individual Coax: 0.108in (2.75mm).

ELECTRICAL:
 Impedance: 75Ω.
 DC Resistance: 72.2Ω/1000ft (237Ω/km).
 Capacitance: 18.3pF/ft (60pF/m).
 Velocity of Propagation: 78%.
 Temperature: -4° to 167°F (-20° to 75°C).
 Attenuation (dB/100 ft.):
 -0.6dB @ 1MHz
 -1.4dB @ 5MHz
 -2.1dB @ 10MHz
 -4.7dB @ 50MHz
 -6.8dB @ 100MHz
 -9.2dB @ 180MHz
 -14.2dB @ 400MHz
 -20.1dB @ 750MHz
 -23.8dB @ 1000MHz.

SINGLE STRAND:
 Conductor: 28 AWG 7/36 tinned copper.
 Jacket: HD polyethylene.
 Diameter: 0.032in (0.82mm).
 Jacket Colors: Red, orange, brown yellow & black.

OVERALL:
 Shield: (A) 85% braid 36 AWG tinned copper.
 (B) Aluminum Mylar foil 25% overlap rate.

Outer Jacket: PVC.
 Outer Jacket Color: Dark gray with white lettering.
 Outer Diameter: 0.393in (10.0mm).

REGULATORY:
 UL: CL2.
 CSA: C(UL) CL2.

