BC-5X5S

5 Mini Coax High-Resolution & 5
Single-Strand Bulk Cable

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

FEATURES

Quality Construction - Each coax has a 28AWG 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

KRAMER

TECHNICAL SPECIFICATIONS

COAX	Center Conductor: 28AWG 7/36 tinned copper
	Dielectric: Foam polyethylene
	Shield: (A) 85% braid 38AWG tinned copper. (B) Aluminum Mylar foil 25% overlap rate
	Inner Jacket: PVC
	Jacket Colors: Red, green, blue, yellow, black
DIAMETERS	Center Conductor: 0.38mm (0.015in)
	Dielectric: 1.6mm (0.063in)
	Individual Coax: 2.75mm (0.108in)
ELECTRICAL	Impedance: 75Ω
	DC Resistance: 237Ω/km (72.2Ω/1000ft)
	Capacitance: 60pF/m (18.3pF/ft)
	Velocity of Propagation: 78%
	Temperature: −20° to 75°C (−4° to 167°F)
	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, 5.1dB@50.0MHz, 7.6dB@100MHz
SINGLE STRAND	Conductor: 28AWG 7/36 tinned copper
	Jacket: HD polyethylene
	Diameter: 0.82mm (0.032in)
	Jacket Colors: Red, orange, brown yellow & black
OVERALL	Shield: (A) 85% braid 36AWG tinned copper. (B) Aluminum Mylar foil 25% overlap rate
	Outer Jacket: PVC
	Outer Jacket Color: Dark gray with white lettering
	Outer Diameter: 10.0mm (0.393in)
REGULATORY	UL: CL2
	CSA: FT4
	RoHS: 2011/65/EU

CONFIGURATIONS

| BC-5X5S-100M | 5 Conductor Mini-Coax (28 AWG) + 5 Single Strand Bulk Cable |