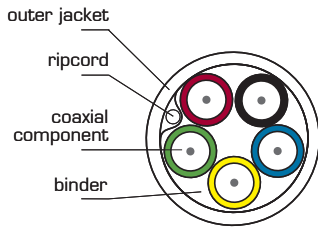


BCP-5X-SOLID

Plenum Rated 5 Mini Coax High Resolution Solid Core Cable



Kramer's **BCP-5X-SOLID** is a plenum rated high resolution 5-coax cable typically used for routing RGBHV signals in professional A/V systems. It is optimized for use with a new generation of one piece compression connectors. It offers the best possible precision and ease of use in the field when working with BNCs and RCAs. In addition, the solid center conductor is ideal for connecting directly to equipment with terminal blocks.

FEATURES

- **Plenum Rated** - The low smoke and fire resistant properties of plenum rated cable allow it to reside in air return spaces of ceilings, floors, and walls, often saving the cost of installing conduit.
- **Quality Construction** - Each mini coax is a precision system consisting of a solid 25 gauge center conductor and foamed FEP dielectric surrounded by aluminum Mylar foil and tinned copper spiral shields. A white stripe in the jacket makes it easy to distinguish from its stranded counterpart.
- **Numerous Applications** - The most common application is routing RGBHV signals in pro A/V systems but BCP-5X-SOLID also offers excellent performance with any combination of component or composite video, and/or unbalanced audio.
- **New Generation One-Piece Connectors** - For quickest assembly use Kramer linear compression and stripper coax tools.
- **Length** - Choose roll lengths of 75/150/300m (246/492/984ft).

SPECIFICATIONS:

CONSTRUCTION:

Coax Center Conductor:	25 AWG solid bare copper.
Dielectric:	Foamed FEP.
Shield:	(A) 90% spiral 38 AWG tinned copper. (B) Aluminum Mylar foil 25% overlap rate.
Coax Jacket Colors:	Red, green, blue, yellow, black.
Outer Jacket:	XPbP lead-free plenum PVC.
Outer Jacket Color:	Black with white stripe extruded into jacket opposite side from the print legend.

DIAMETERS:

Center Conductor:	0.018in (0.457mm)
Dielectric:	0.074in (1.88mm).
Individual Coax Outer Jacket:	0.106in (2.7mm) nominal.
Outside Diameter:	0.315in (8mm) nominal.
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Outside Diameter:	0.315in (8mm) nominal.

ELECTRICAL:

Impedance:	75Ω nominal.
DC Resistance:	32Ω/1000ft at 20°C.
Capacitance:	16pF/ft nominal.
Time Delay:	1.2ns/ft nominal.
Attenuation (dB/100ft):	-5.1dB @100MHz, -7.1dB @200MHz, -10.5dB @400MHz, -17.9dB @1000MHz.

REGULATORY:

UL:	CMP per Article 800 NEC; CL2P per Article 725 NEC.
RoHS:	RoHS compliant per 2002/95/EC, Issue 13.2.2003.
Before Use:	Keep plenum cables at room temperature for 24 hours before use.

