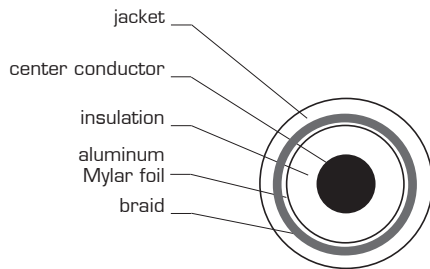


BCP-1X59

Plenum Rated RG-59 Cable



Kramer's **BCP-1X59** is a plenum rated RG-59 style coaxial bulk cable designed for transmission and routing of critical analog SD or HD, or digital SDI video signals.

FEATURES

- **Quality Construction** - BCP-1X59 is a durable and flexible plenum rated bulk cable manufactured to CL-2P and CMP standards per National Electric Code articles 725 and 800, and is RoHS compliant.
- **Precision Engineered** - The construction is a 75Ω system consisting of a solid 20 gauge copper center conductor, foamed FEP dielectric, foil and braid shield layers, and an extremely flexible plenum rated outer jacket.
- **Numerous Applications** - Perfect for broadcast, studio, classroom, church, digital signage, residential, and many other applications.
- **Compatibility** - Use with Kramer's compression connectors as well as typical crimp systems.
- **Comparable to** - Belden 1506A, West Penn 25819 and others.
- **Varied Selection of Lengths** - Choose reel lengths of 75/150/300m (250/500/1000ft).

SPECIFICATIONS:

CONSTRUCTION:

Coax Center Conductor: 20 AWG solid bare copper.
 Dielectric: Foamed FEP.
 Shield: (A) Aluminum polyester foil 25% overlap rate.(B) 95% braid 36 AWG tinned copper wire.
 Outer Jacket: PVC alloy.

Outer Jacket Color: Dark gray with white lettering.

DIAMETERS:

Center Conductor: 0.032in (0.81mm) nominal.
 Dielectric: 0.140in (3.56mm) nominal.
 Overall Diameter: 0.205in (5.18mm) nominal.
 Jacket Wall Thickness: 0.0195in (.495mm) nominal.
 Impedance: 75Ω (+/-3Ω).

ELECTRICAL:

Conductor DC Resistance: 10.1Ω/1000ft nominal.
 Outer Shield DC Resistance: 3.2Ω/1000ft nominal.
 Capacitance: 16.1 pF/ft nominal.
 Velocity of Propagation: 84% nominal.
 Attenuation (dB per 100ft):
 -0.3dB @1MHz
 -0.6dB @5MHz
 -1.0dB @10MHz
 -1.3dB @50MHz
 -2.5dB @100MHz
 -3.3dB @180MHz
 -4.5dB @270MHz
 -5.4dB @400MHz
 -7.3dB @720MHz
 -9.4dB @1000MHz
 -19.4dB @3000MHz.

REGULATORY:

UL listing: Type CL2P as specified in Article 725 of the National Electrical Code.
 C(UL) Certification: Type CMP as specified in Article 800 of the National Electrical Code.
 RoHS: Compliant per EU directive 2002/95/EC.

