



Kramer's **BC-3X2T7S** is a high-resolution multi-conductor containing 3 mini coaxes, 2 shielded pairs, and 7 single strands. It is the most common type of cable used for construction of 15-pin HD (VGA/UXGA) cables.

**FEATURES**

- **Quality Construction** - Each coax has a 26 gauge center conductor and dual shield design consisting of copper braid and aluminum Mylar foil. Rugged and flexible jacket with internal rip cord and sequential markings every meter. Coax dielectrics are color-coded red, green, blue.
- **High Resolution** - Supports higher resolution and longer distances than 28 gauge versions.
- **Length** - Available in rolls of 100m (328ft).

**SPECIFICATIONS:**

**COAX:**

Conductor: 26 AWG 7/34 tinned copper.  
 Dielectric: Foam polyethylene with red, green, blue color coding.  
 Shield: (A) 90% spiral 38 AWG tinned copper.  
 (B) Aluminum Mylar foil 25% overlap rate.  
 Inner Jacket: PVC.  
 Jacket Colors: Black.

**DIAMETERS:**

Center Conductor: 0.019in (0.48mm).  
 Dielectric: 0.076in (1.95mm).  
 Individual Coax: 0.102in (2.6mm).

**ELECTRICAL:**

Impedance: 75Ω.  
 DC Resistance: 45Ω/1000ft (148Ω/km).  
 Capacitance: 17.3pF/ft (57pF/m).  
 Temperature: -20° to 75°C (-4° to 167°F).  
 Attenuation (dB/30m (100ft)):

- 0.5dB @1MHz
- 1.3dB @5MHz
- 1.9dB @10MHz
- 4.0dB @50MHz
- 5.7dB @100MHz
- 8.0dB @180MHz
- 14.0dB @400MHz.

**SHIELDED PAIR:**

Conductors: 26 AWG 7/34 tinned copper.  
 Jacket: HD-polyethylene.  
 Diameter: 0.88mm (0.34in).  
 Shield: (A) 85% spiral 36 AWG tinned copper.  
 (B) Aluminum Mylar foil 25% overlap rate.  
 Jacket Colors: White, white/black, red, red/black.

**SINGLE STRAND:**

Conductor: 26 AWG 7/34 tinned copper.  
 Jacket: HD polyethylene.  
 Diameter: 0.88mm (0.34in).  
 Jacket Colors: Red, orange, brown, yellow, black, red/black.

**OVERALL:**

Shield: (A) 85% spiral 36 AWG 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: C(UL)FT-4.  
 RoHS: In compliance with European directive 2002/95/IEC.

