

# F1160BV HDC

## 75 Ohm Coaxial Cable

### Drop Cable

**PRODUCT DESCRIPTION:**
**BONDED LAMINATED ALUMINUM TAPE, 60% BRAID, PVC JACKET**
**CENTER CONDUCTOR:**

 14 AWG SOLID COPPER  
 NOMINAL DIAMETER: 0.064" (1.63 mm)

**DIELECTRIC:**

 GAS EXPANDED POLYETHYLENE  
 NOMINAL DIAMETER OVER DIELECTRIC: 0.280" (7.11 mm)

**SHIELD:**
**1<sup>ST</sup> SHIELD: ALUMINUM LAMINATED TAPE BONDED TO THE  
 THE DIELECTRIC**  
 NOMINAL DIAMETER OVER TAPE: 0.287" (7.29 mm)

**2<sup>ND</sup> SHIELD: 34 AWG ALUMINUM BRAID WIRE**  
 60% COVERAGE

**JACKET:**
**PVC JACKET**  
 NOMINAL DIAMETER OVER JACKET: 0.400" (10.16 mm)  
 NOMINAL JACKET THICKNESS: 0.042" (1.07 mm)

Center Conductor

Dielectric

 Bonded Laminated  
 Aluminum Tape

 Aluminum Braided  
 Shield

Jacket


**ELECTRICAL PROPERTIES:**
**IMPEDANCE:** 75.0 +/- 3.0 Ohms  
**VELOCITY OF PROPAGATION:** 85.0% NOMINAL  
**ATTENUATION @ 68 F (20 °C):**

Shipping Weight (Lbs.)/1000': 73 lbs.

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.38 dB	1.25 dB
55 MHz	0.96 dB	3.15 dB
83 MHz	1.18 dB	3.67 dB
187 MHz	1.75 dB	5.74 dB
211 MHz	1.90 dB	6.23 dB
250 MHz	2.05 dB	6.72 dB
300 MHz	2.25 dB	7.38 dB
350 MHz	2.42 dB	7.94 dB
400 MHz	2.60 dB	8.53 dB
450 MHz	2.75 dB	9.02 dB
500 MHz	2.90 dB	9.51 dB
550 MHz	3.04 dB	9.97 dB
600 MHz	3.18 dB	10.43 dB
750 MHz	3.65 dB	11.97 dB
865 MHz	3.98 dB	13.05 dB
1000 MHz	4.35 dB	14.27 dB