

# F1160BV

## 75 Ohm Coaxial Cable

### Drop Cable

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#### PRODUCT DESCRIPTION:

BONDED TAPE, 60% BRAID, PVC JACKET

#### CENTER CONDUCTOR:

14 AWG COPPER-CLAD STEEL  
 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-POLYPROPYLENE-ALUMINUM  
 LAMINATED TAPE WITH OVERLAP BONDED TO 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)



#### ELECTRICAL PROPERTIES:

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

Shipping Weight (Lbs.)/1000': 60 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	3.87 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

*Drawing not to scale.  
 Specifications subject to change.  
 Revision: 09/26/05*