

# F1160BV 75 Ohm Coaxial Cable Drop Cable

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## PRODUCT DESCRIPTION:

**BONDED LAMINATED ALUMINUM 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 LAMINATED TAPE 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)

Center Conductor

Dielectric

Bonded Aluminum  
Tape Shield

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': 69 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: 06/26/07*