

# F11SSVM-APD 75 Ohm Coaxial Cable Drop Cable

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## PRODUCT DESCRIPTION:

**BONDED LAMINATED ALUMINUM TAPE, 60% BRAID, LAMINATED ALUMINUM TAPE, 40% BRAID, AMORPHOUS POLYPROPYLENE FLOODING COMPOUND (NON-FLOWING), PVC JACKET, 0.072" MESSENGER**

### 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: LAMINATED ALUMINUM 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

3<sup>RD</sup> SHIELD: ALUMINUM LAMINATED TAPE

4<sup>TH</sup> SHIELD: 34 AWG ALUMINUM BRAID WIRE  
40% COVERAGE

### JACKET: PVC JACKET

NOMINAL DIAMETER OVER JACKET: 0.407" (10.34 mm)  
NOMINAL JACKET THICKNESS: 0.037" (0.94 mm)

### CORROSION RESISTANT TREATMENT:

AMORPHOUS POLYPROPYLENE FLOODING COMPOUND

### MESSENGER: NOMINAL DIAMETER OF MESSENGER: 0.072" (1.83 mm)

MINIMUM BREAKING STRENGTH: 365 lbs. (166 kg)

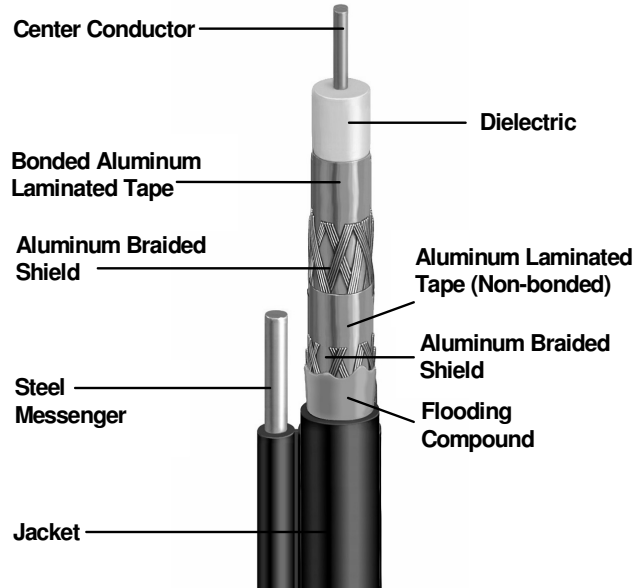
## ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 85.0% NOMINAL

ATTENUATION: @ 68°F (20°C)

@ 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



Shipping Weight (Lbs.)/1000': 96 lbs.



*Drawing not to scale.  
Specifications subject to change.  
Revision: 03/22/07*