

# F6SSVV

## 75 Ohm Coaxial Cable

### Drop Cable

#### CATV (ETL)

1100 CommScope Place  
 Hickory, NC 28603  
 (800) 982-1708  
 (828) 324-2200  
 Fax: (828) 324-3400  
 Int'l Fax: (828) 323-4989  
[www.commscope.com](http://www.commscope.com)  
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#### PRODUCT DESCRIPTION:

BONDED LAMINATED ALUMINUM TAPE, 60% BRAID,  
 LAMINATED ALUMINUM TAPE, 40% BRAID, FLAME  
 RETARDANT PVC JACKET  
 MEETS NEC ARTICLE 820V RATING (ETL LISTED)

#### CENTER CONDUCTOR:

18 AWG COPPER-CLAD STEEL  
 NOMINAL DIAMETER: 0.040" (1.02 mm)

#### DIELECTRIC:

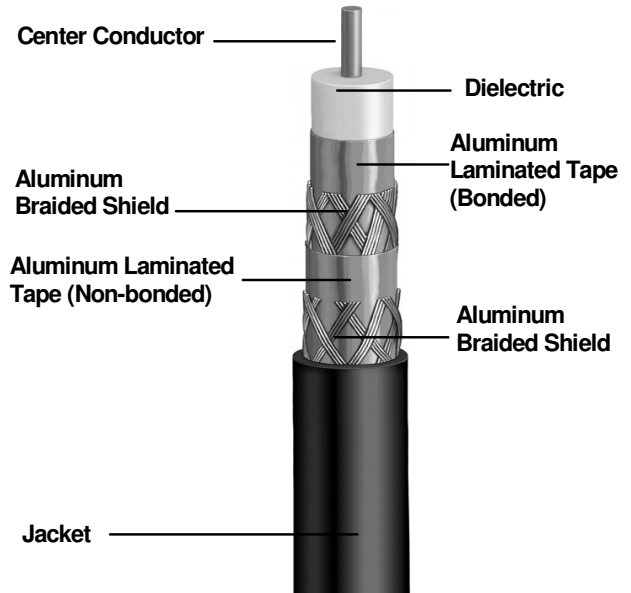
GAS EXPANDED POLYETHYLENE  
 NOMINAL DIAMETER OVER DIELECTRIC: 0.180" (4.57 mm)

#### SHIELD:

1<sup>ST</sup> SHIELD: ALUMINUM LAMINATED TAPE BONDED  
 TO THE DIELECTRIC  
 NOMINAL DIAMETER OVER TAPE: 0.187" (4.75 mm)  
2<sup>ND</sup> SHIELD: 34 AWG ALUMINUM BRAID WIRE, 60% COVERAGE  
3<sup>RD</sup> SHIELD: LAMINATED ALUMINUM TAPE  
4<sup>TH</sup> SHIELD: 34 AWG ALUMINUM BRAID WIRE, 40% COVERAGE

#### JACKET:

FLAME RETARDANT PVC  
 NOMINAL DIAMETER OVER JACKET: 0.297" (7.54 mm)  
 NOMINAL JACKET THICKNESS: 0.033" (0.84 mm)



#### ELECTRICAL PROPERTIES:

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

Shipping Weight (Lbs.)/1000': 42 lbs.

@ Frequency MHz	dB/100 ft. (MAX.)	DB/100 meters (MAX.)
5 MHz	0.58 dB	1.90 dB
55 MHz	1.60 dB	5.25 dB
83 MHz	1.95 dB	6.40 dB
187 MHz	2.85 dB	9.35 dB
211 MHz	3.05 dB	10.00 dB
250 MHz	3.30 dB	10.82 dB
300 MHz	3.55 dB	11.64 dB
350 MHz	3.85 dB	12.63 dB
400 MHz	4.15 dB	13.61 dB
450 MHz	4.40 dB	14.43 dB
500 MHz	4.66 dB	15.29 dB
550 MHz	4.90 dB	16.08 dB
600 MHz	5.10 dB	16.73 dB
750 MHz	5.65 dB	18.54 dB
865 MHz	6.10 dB	20.01 dB
1000 MHz	6.55 dB	21.49 dB



Drawing not to scale.  
 Specifications subject to change.  
 Revision: 03/06/07