

# F11TSVM 75 Ohm Coaxial Cable Drop Cable

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)  
CommScope Properties, LLC  
All Rights Reserved



## PRODUCT DESCRIPTION:

**BONDED LAMINATED ALUMINUM TAPE, 60% BRAID, LAMINATED ALUMINUM TAPE, 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:** 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  
**3<sup>RD</sup> SHIELD:** ALUMINUM LAMINATED TAPE

### JACKET:

PVC JACKET  
NOMINAL DIAMETER OVER JACKET: 0.400" (10.16 mm)  
NOMINAL JACKET THICKNESS: 0.039" (0.99 mm)

### MESSENGER:

NOMINAL DIAMETER OF MESSENGER: 0.072" (1.83 mm)  
MINIMUM BREAKING STRENGTH: 365 lbs. (166 kgf)

## ELECTRICAL PROPERTIES:

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

Center Conductor

Dielectric

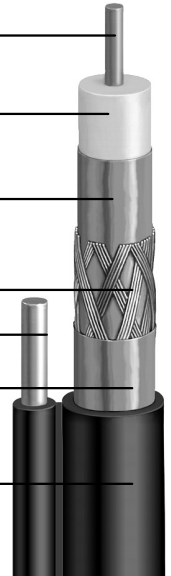
Bonded Laminated Aluminum Tape

Aluminum Braided Shield

Steel Messenger

Laminated Aluminum Tape (Non-bonded)

Jacket



Shipping Weight (Lbs.)/1000': 94 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: 03/19/07