

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## RG11 F11TSVV

Hangzhou Lin'an Wanlong Cable Co., Ltd

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### PRODUCT DESCRIPTION:

**COPPER-CLAD STEEL, FPE, BONDED LAMINATED ALUMINUM TAPE, 60% ALUMINUM BRAID, LAMINATED ALUMINUM TAPE, FLAME RETARDANT PVC JACKET**

**CENTER CONDUCTOR:** 1.63 mm COPPER-CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 7.11 mm

### SHIELD:

1st SHIELD: LAMINATED ALUMINUM TAPE BONDED TO THE DIELECTRIC

2nd SHIELD: 96\*0.16 mm ALUMINUM BRAID WIRE  
60% COVERAGE

3rd: LAMINATED ALUMINUM TAPE

### JACKET:

FLAME RETARDANT PVC JACKET

NOMINAL DIAMETER OVER JACKET: 10.16 mm

NOMINAL JACKET THICKNESS: 0.99 mm



### ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 85.0% NOMINAL

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ATTENUATION @ 68°F (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.38 dB	1.65 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