



# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## RG59 F5995BVM

Hangzhou Lin'an Wanlong Cable Co.,Ltd  
288 Guafan Road,Lin'an,Hangzhou,China 311300  
Mob:+86-13968032911 Tel:+86-571-63768818  
Fax:+86-571-61078123  
Website: [www.wanlongcable.cn](http://www.wanlongcable.cn)  
E-mail and MSN:[wanlongcable@hotmail.com](mailto:wanlongcable@hotmail.com)

### PRODUCT DESCRIPTION:

**COPPER-CLAD STEEL,FPE, BONDED LAMINATED ALUMINUM TAPE,95%ALUMINUM BRAID ,PVC ,STEEL MESSENGER**

**CENTER CONDUCTOR:** 0.81 mm COPPER-CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE  
NOMINAL DIAMETER OVER DIELECTRIC: 3.66 mm

### SHIELD:

1ST SHIELD: LAMINATED ALUMINUM TAPE BONDED TO THE DIELECTRIC  
2nd SHIELD:112\*0.16 mm ALUMINUM BRAID WIRE  
95% COVERAGE

### JACKET:

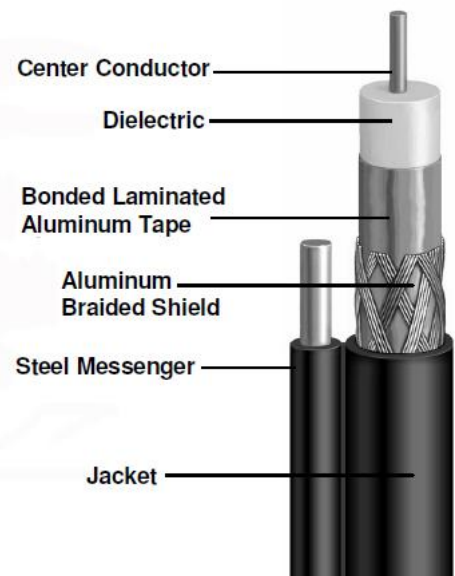
PVC  
NOMINAL DIAMETER OVER JACKET: 6.10 mm  
NOMINAL JACKET THICKNESS: 0.81 mm

### MESSENGER:

NOMINAL DIAMETER OF MESSENGER: 0.051" (1.30 mm)  
MINIMUM BREAKING STRENGTH: 180 lbs. (82 kgF)

### 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	0.97 dB	3.20 dB
55 MHz	2.05 dB	6.73 dB
83 MHz	2.45 dB	8.04 dB
187 MHz	3.60 dB	11.87 dB
211 MHz	3.80 dB	12.47 dB
250 MHz	4.10 dB	13.45 dB
300 MHz	4.45 dB	14.60 dB
350 MHz	4.80 dB	15.75 dB
400 MHz	5.10 dB	16.73 dB
450 MHz	5.40 dB	17.72 dB
500 MHz	5.70 dB	18.70 dB
550 MHz	5.95 dB	19.52 dB
600 MHz	6.20 dB	20.34 dB
750 MHz	6.97 dB	22.87 dB
865 MHz	7.52 dB	24.67 dB
1000 MHz	8.12 dB	26.64 dB

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