

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## RG6 F690BVV

Hangzhou Lin'an Wanlong Cable Co., Ltd

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### PRODUCT DESCRIPTION:

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

**CENTER CONDUCTOR:** 1.02 mm COPPER-CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 4.57 mm

### SHIELD:

1ST SHIELD: LAMINATED ALUMINUM TAPE BONDED TO THE DIELECTRIC

2nd SHIELD: 120\*0.16 mm ALUMINUM BRAID WIRE  
90% COVERAGE

### JACKET:

FLAME RETARDANT PVC

NOMINAL DIAMETER OVER JACKET: 6.91 mm

NOMINAL JACKET THICKNESS: 0.76 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	0.58 dB	2.80 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