

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## RG6 F6TSVM

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### PRODUCT DESCRIPTION:

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

**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: 64\*0.16 mm ALUMINUM BRAID WIRE  
60% COVERAGE

3rd: LAMINATED ALUMINUM TAPE

### JACKET:

PVC

NOMINAL DIAMETER OVER JACKET: 7.06 mm

NOMINAL JACKET THICKNESS: 0.76 mm

### MESSENGER:

NOMINAL DIAMETER OF MESSENGER: 0.051"(1.30mm)

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	0.58 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