

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

RG11 F11SSVM

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, 40% ALUMINUM BRAID, PVC JACKET, STEEL MESSENGER

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

4th: 64*0.16 mm ALUMINUM BRAID WIRE

40% COVERAGE

JACKET:

PVC JACKET

NOMINAL DIAMETER OVER JACKET: 10.34 mm

NOMINAL JACKET THICKNESS: 0.94 mm

MESSENGER:

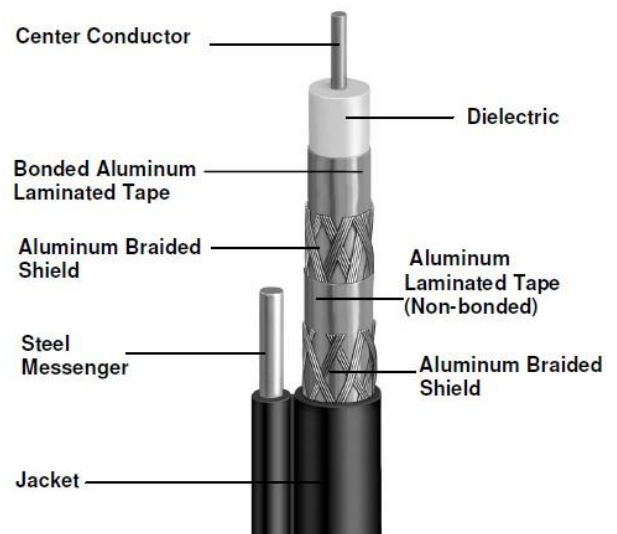
NOMINAL DIAMETER OF MESSENGER: 1.83 mm

MINIMUM BREAKING STRENGTH: 365 lbs. (166 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 | 0.38 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 |