

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## SAT703

Hangzhou Lin'an Wanlong Cable Co., Ltd

317 Jintian Road, Lin'an, Hangzhou, China 311300

Mob:+86-13968032911 Tel:+86-571-61078177

Fax:+86-571-61078123

Website: [www.wanlongcable.cn](http://www.wanlongcable.cn)

E-mail: [wanlongcable@hotmail.com](mailto:wanlongcable@hotmail.com) [wanlongcable2@outlook.com](mailto:wanlongcable2@outlook.com)

**CENTER CONDUCTOR:** 1.13 ± 0.01 MM BARE COPPER/COPPER CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 4.80 ± 0.05MM

### SHIELD:

1st SHIELD: ALUMINUM FOIL

NON-BONDED/BONDED

2nd SHIELD: ALUMINUM BRAID WIRE

40%-90% COVERAGE

### JACKET:

PVC JACKET

NOMINAL DIAMETER OVER JACKET: 6.80 ± 0.05 mm



### ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 ± 3.0 Ohms

CAPACITANCE: 52 ± 2(pF/m)

VELOCITY OF PROPAGATION: 85.0% NOMINAL

RETURN LOSS:

5-1000MHz(dB)                    ≥ 22

1000-2000MHz(dB)            ≥ 20

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ATTENUATION @ 68°F. (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.52 dB	1.70 dB
50 MHz	1.34 dB	4.40 dB
100 MHz	1.71 dB	5.60 dB
200 MHz	2.47 dB	8.10 dB
400 MHz	3.57 dB	11.70 dB
800 MHz	5.18 dB	17.00 dB
862 MHz	5.40 dB	17.70 dB
1000 MHz	5.76 dB	18.90 dB
1350 MHz	7.26 dB	23.80 dB
1750 MHz	8.05 dB	26.40 dB
2150MHz	9.21 dB	30.20 dB
3000MHz	11.28 dB	37.00 dB