

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## 21VATC

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:** 1.00 ± 0.01 mm SOLID COPPER /COPPER CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 4.60 ± 0.05mm

### SHIELD:

1st SHIELD: ALUMINUM FOIL

NON-BONDED/BONDED

2nd SHIELD: ALUMINUM BRAID WIRE

40%-90% COVERAGE

### JACKET:

PVC/PE JACKET

NOMINAL DIAMETER OVER JACKET: 6.80 ± 0.05 mm

### ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 ± 3.0 Ohms

CAPACITANCE: 53 ± 2(pF/m)

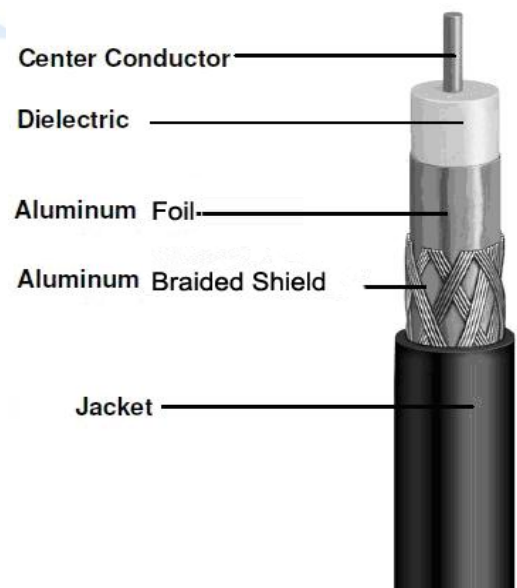
VELOCITY OF PROPAGATION: 85.0% NOMINAL

CONDUCTOR RESISTANCE MAX:

INNER: 22.5 OHMS/KM;

OUTER: 21.5 OHMS/KM

RETURN LOSS: 20dB MIN (5-2150MHZ)



# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## 21VATC

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)

ATTENUATION @ 68°F. (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.64 dB	2.10 dB
50 MHz	1.56 dB	5.10 dB
100 MHz	2.38 dB	7.80 dB
200 MHz	2.90 dB	9.50 dB
400 MHz	4.27 dB	14.00 dB
800 MHz	6.28 dB	20.60 dB
862 MHz	6.56 dB	21.50 dB
950 MHz	6.92 dB	22.70 dB
1000 MHz	7.14 dB	23.40 dB