

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## SAT501

Hangzhou Lin'an Wanlong Cable Co., Ltd

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**CENTER CONDUCTOR:** 0.81 ± 0.01 MM BARE COPPER/COPPER CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 3.50 ± 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: 5.10 ± 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	0.64 dB	2.10 dB
50 MHz	1.80 dB	5.90 dB
200 MHz	3.45 dB	11.30 dB
470 MHz	5.30 dB	17.40 dB
860 MHz	7.10 dB	23.30 dB
1000 MHz	8.08 dB	26.50 dB
1350 MHz	9.30 dB	30.50 dB
1750 MHz	10.91 dB	35.80 dB
2150MHz	12.20 dB	40.00 dB