

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

17VATC

Hangzhou Lin'an Wanlong Cable Co., Ltd

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CENTER CONDUCTOR: 1.13 ± 0.01 mm SOLID 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/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: 16.8 OHMS/KM;

OUTER: 20.0 OHMS/KM

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



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ATTENUATION @ 68°F. (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.46 dB	1.50 dB
47 MHz	1.31 dB	4.30 dB
100 MHz	1.68 dB	5.50 dB
230 MHz	2.56 dB	8.40 dB
300 MHz	2.96 dB	9.70 dB
400 MHz	3.45 dB	11.30 dB
800 MHz	5.03 dB	16.50 dB
860 MHz	5.31 dB	17.40 dB
1000 MHz	5.80 dB	19.00 dB
1350 MHz	6.86 dB	22.50 dB
1750 MHz	7.87 dB	25.80 dB
2050 MHz	8.66 dB	28.40 dB
2150 MHz	8.85 dB	29.00 dB