

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

HS100

Hangzhou Lin'an Wanlong Cable Co., Ltd

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CENTER CONDUCTOR: 1.00 ± 0.01 MM BARE 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: 6.60 ± 0.05 mm

ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 ± 3.0 Ohms

CAPACITANCE: 52 ± 2(pF/m)

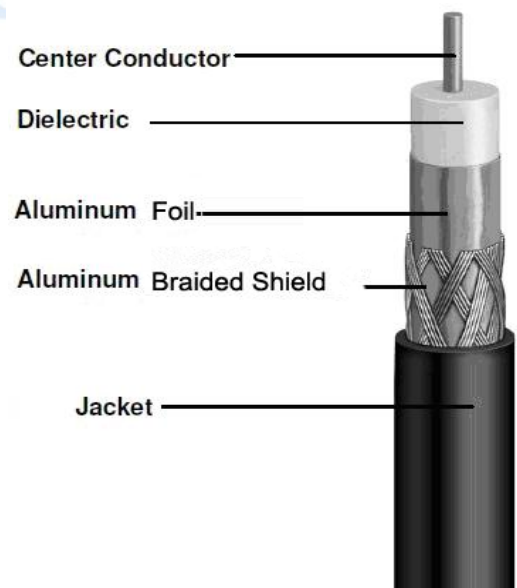
VELOCITY OF PROPAGATION: 85.0% NOMINAL

RETURN LOSS:

5-470MHz(dB) ≥ 23

470-860MHz(dB) ≥ 20

860-2150MHz(dB) ≥ 18



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ATTENUATION @ 68°F. (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.49 dB	1.60 dB
50 MHz	1.40 dB	4.60 dB
100 MHz	1.98 dB	6.50 dB
200 MHz	2.90 dB	9.50 dB
460 MHz	4.57 dB	15.00 dB
860 MHz	5.95 dB	19.50 dB
1000 MHz	6.55 dB	21.50 dB
1750 MHz	8.84 dB	29.00 dB
2150MHz	9.91 dB	32.50 dB