

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## 7C-2V

Hangzhou Lin'an Wanlong Cable Co., Ltd

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**CENTER CONDUCTOR:**  $1.63 \pm 0.01$  MM BARE COPPER OR COPPER CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC:  $7.20 \pm 0.02$ MM

### SHIELD:

1st SHIELD: ALUMINUM FOIL

NON-BONDED/BONDED

2nd SHIELD: BARE ALUMINUM BRAID WIRE

40%-90% COVERAGE

### JACKET:

PVC JACKET

NOMINAL DIAMETER OVER JACKET:  $10.10 \pm 0.1$  mm

### ELECTRICAL PROPERTIES:

IMPEDANCE:  $75.0 \pm 3.0$  Ohms

CAPACITANCE:  $70 \pm 3$  (pF/m)

VELOCITY OF PROPAGATION: 85.0% NOMINAL

RETURN LOSS: 20dB min (5-200MHz)



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ATTENUATION @ 68°F (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.38 dB	1.65 dB
55 MHz	0.96 dB	3.15 dB
83 MHz	1.18 dB	3.87 dB
187 MHz	1.75 dB	5.74 dB
211 MHz	1.90 dB	6.23 dB
250 MHz	2.05 dB	6.72 dB
300 MHz	2.25 dB	7.38 dB
350 MHz	2.42 dB	7.94 dB
400 MHz	2.60 dB	8.53 dB
450 MHz	2.75 dB	9.02 dB
500 MHz	2.90 dB	9.51 dB
550 MHz	3.04 dB	9.97 dB
600 MHz	3.18 dB	10.43 dB
750 MHz	3.65 dB	11.97 dB
865 MHz	3.98 dB	13.05 dB
1000 MHz	4.35 dB	14.27 dB