

# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## RG6+POWER CABLE

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### PRODUCT DESCRIPTION:

**BARE COPPER OR COPPER-CLAD STEEL, FPE, NON-BONDED/BONDED ALUMINUM FOIL, 40%-60% ALUMINUM BRAID, PVC OR PE, POWER CABLE**

**CENTER CONDUCTOR:** 1.02 mm BARE COPPER OR COPPER-CLAD STEEL

### DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 4.57 mm

### SHIELD:

1ST SHIELD: ALUMINUM FOIL NON-BONDED/BONDED TO THE DIELECTRIC

2nd SHIELD: ALUMINUM BRAID WIRE

40%-60% COVERAGE

### JACKET:

PVC

NOMINAL DIAMETER OVER JACKET: 6.91 mm

NOMINAL JACKET THICKNESS: 0.76 mm

### TWIST PAIR POWER CABLE:

INNER CONDUCTOR: 7/0.38 BARE COPPER OR COPPER CLAD STEEL

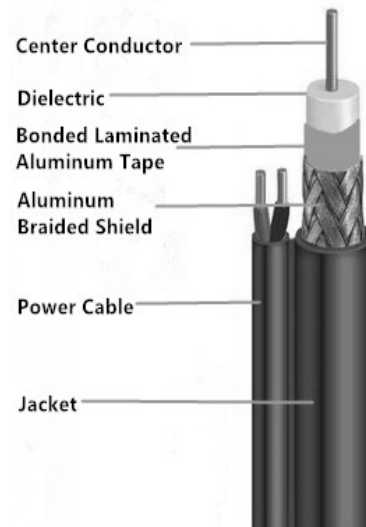
INSULATION: 1.8MM PVC OR PE

JACKET: 4.80MM PVC OR PE

### ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 85.0% NOMINAL



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ATTENUATION @ 68°F (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.58 dB	2.65 dB
55 MHz	1.60 dB	5.25 dB
83 MHz	1.95 dB	6.40 dB
187 MHz	2.85 dB	9.35 dB
211 MHz	3.05 dB	10.00 dB
250 MHz	3.30 dB	10.82 dB
300 MHz	3.55 dB	11.64 dB
350 MHz	3.85 dB	12.63 dB
400 MHz	4.15 dB	13.61 dB
450 MHz	4.40 dB	14.43 dB
500 MHz	4.66 dB	15.29 dB
550 MHz	4.90 dB	16.08 dB
600 MHz	5.10 dB	16.73 dB
750 MHz	5.65 dB	18.54 dB
865 MHz	6.10 dB	20.01 dB
1000 MHz	6.55 dB	21.49 dB