



# WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

## P3 500JCAM

Hangzhou Lin'an Wanlong Cable Co.,Ltd  
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### PRODUCT DESCRIPTION:

COPPER CLAD ALUMINUM,FPE,SOLID ALUMINUM TUBE,PE JACKET  
2.77 MESSENGER

### CENTER CONDUCTOR:

2.77 mm COPPER CLAD ALUMINUM

### DIELECTRIC:

MICRO-CELLULAR FOAM PE

NOMINAL DIAMETER OVER DIELECTRIC: 11.43 mm

### SHIELD:

RF WELDED, SOLID ALUMINUM TUBE

NOMINAL DIAMETER OVER OUTER CONDUCTOR: 12.70mm

NOMINAL OUTER CONDUCTOR THICKNESS: 0.61 mm

### JACKET:

PE JACKET

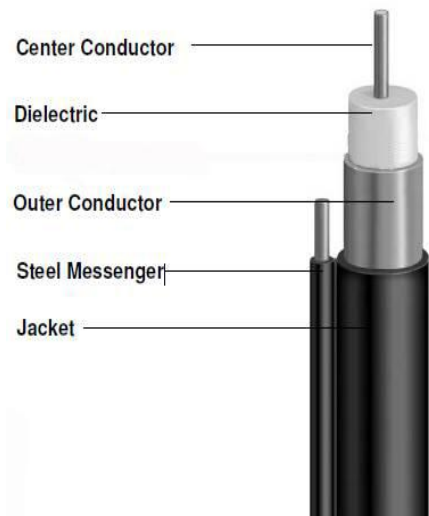
NOMINAL DIAMETER OVER JACKET: 14.22 mm

NOMINAL JACKET THICKNESS: 0.76 mm

### MESSENGER:

NOMINAL DIAMETER OF MESSENGER: 2.77 mm

MINIMUM BREAKING STRENGTH: 1800 lbs. (816 kgf)



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### ELECTRICAL PROPERTIES:

CAPACITANCE: 15.3 +/- 1.0 pf/ft. (50 +/-3.0 nf/km)  
IMPEDANCE: 75 +/- 2 Ohms  
VELOCITY OF PROPAGATION: 87% NOMINAL

### ATTENUATION @ 68°F (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.17 dB	0.54 dB
55 MHz	0.54 dB	1.77 dB
250 MHz	1.20 dB	3.94 dB
450 MHz	1.63 dB	5.35 dB
550 MHz	1.82 dB	5.97 dB
750MHz	2.16 dB	7.09 dB
865MHz	2.34 dB	7.68 dB
1000 MHz	2.52 dB	8.27 dB

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