



## CATV-Installation-Cable RG6 tri-shield (Cu) 77% flooded PE

### COAX113 Outdoor



#### Application

Installation cable used in professional networks, distributing TV signal and also applied as an aerial cable for terrestrial and satellite broadcast systems.

#### Construction

		<u>Diameter</u>
<b>Inner conductor</b>	copper [Cu]	Ø <b>1.13</b> ± 0.01 mm
<b>Insulation</b>	physical foamed PE, natural color	Ø <b>4.80</b> ± 0.13 mm
<b>Outer conductor</b>		
<b>Inner foil</b>	tape [AL-PET] bonded	
<b>Shield</b>	aluminum braid, optical coverage 77%	
<b>Outer foil</b>	tape [AL-PET-AL]	
<b>Jacket</b>	black PE, flooded	Ø <b>7.11</b> ± 0.20 mm

#### Electrical properties at 20 °C

Impedance	Ω	75 ± 2
Max attenuate		
5 MHz	dB/100m	1.3
50 MHz	dB/100m	4.1
100 MHz	dB/100m	5.6
200 MHz	dB/100m	8.2
400 MHz	dB/100m	11.8
862 MHz	dB/100m	17.1
950 MHz	dB/100m	18.5
1350 MHz	dB/100m	21.8
1750 MHz	dB/100m	25.2
2150 MHz	dB/100m	28.3
2550 MHz	dB/100m	30.9
3000 MHz	dB/100m	33.6
<b>Shielding effectiveness</b>	dB	> 105
<b>Propagation velocity</b>	%	85
<b>Resistance DC</b>		
Inner conductor	Ω/km	19
Outer conductor	Ω/km	24
<b>Return loss</b>		
5 - 30 MHz	dB	> 30
30 - 470 MHz	dB	> 28
470 - 862 MHz	dB	> 26
862 - 2150 MHz	dB	> 23
<b>Nominal capacitance</b>	pF/m	52

#### Technical data

Product code	Cable type	Standard length [m]	Package dimensions high [cm] width [cm] depth [cm]	Minimum bend radius [mm]
COAX113 Outdoor	Coaxial cable RG6 copper (Cu) tri-shield 77% flooded PE black	100	30x30x72 (100m)	37

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