



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>
Inner conductor	copper [Cu]	Ø 1.13 ± 0.01 mm
Insulation	physical foamed PE, natural color	Ø 4.80 ± 0.13 mm
Outer conductor		
Inner foil	tape [AL-PET] bonded	
Shield	aluminum braid, optical coverage 77%	
Outer foil	tape [AL-PET-AL]	
Jacket	black PE, flooded	Ø 7.11 ± 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
Shielding effectiveness		dB	> 105
Propagation velocity		%	85
Resistance DC			
Inner conductor		Ω/km	19
Outer conductor		Ω/km	24
Return loss			
	5 - 30 MHz	dB	> 30
	30 - 470 MHz	dB	> 28
	470 - 862 MHz	dB	> 26
	862 - 2150 MHz	dB	> 23
Nominal capacitance		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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