



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

S677BEFCU



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 1.02 ± 0.01 mm
Insulation	physical foamed PE, natural color	Ø 4.57 ± 0.13 mm
Outer conductor		
Inner foil	tape [AL-PET] bonded	
Shield	aluminum braid, optical coverage 77%	
Jacket	black PE, flooded	Ø 6.91 ± 0.20 mm

Electrical properties at 20 °C

Impedance		Ω	75 ± 2
Max attenuate	5 MHz	dB/100m	1.92
	55 MHz	dB/100m	5.06
	211 MHz	dB/100m	9.82
	250 MHz	dB/100m	10.67
	350 MHz	dB/100m	12.59
	400 MHz	dB/100m	13.43
	450 MHz	dB/100m	14.32
	500 MHz	dB/100m	15.18
	550 MHz	dB/100m	15.97
	600 MHz	dB/100m	16.68
	750 MHz	dB/100m	18.43
	865 MHz	dB/100m	19.97
	1000 MHz	dB/100m	21.37
	1200 MHz	dB/100m	23.83
	1450 MHz	dB/100m	26.16
	1750 MHz	dB/100m	28.97
Shielding effectiveness		dB	> 95
Propagation velocity		%	85
Resistance DC			
Inner conductor		Ω/km	21
Outer conductor		Ω/km	30
Return loss			
5 - 1000 MHz		dB	≥ 20
Nominal capacitance		pF/m	53.2

Technical data

Product code	Cable type	Standard length [m]	Package dimensions high [cm] width [cm] depth [cm]	Minimum bend radius [mm]
S677BEFCU	Coaxial cable RG6 copper (Cu) 77% flooded PE black	100		50

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