



CATV-Distribution-Cable RG11 (Cu) 77% PVC

S1177BVCU



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 1.63 ± 0.02 mm
Insulation	physical foamed PE, natural color	Ø 7.11 ± 0.15 mm
Outer conductor	tape [AL-PET] bonded	
Inner foil	aluminum braid, optical coverage 77%	
Shield	black PVC	Ø 10.03 ± 0.20 mm
Jacket		

Electrical properties at 20 °C

Impedance		Ω	75 ± 2
Max attenuate	5 MHz	dB/100m	1.22
	55 MHz	dB/100m	3.04
	211 MHz	dB/100m	6.06
	250 MHz	dB/100m	6.57
	350 MHz	dB/100m	7.93
	400 MHz	dB/100m	8.58
	450 MHz	dB/100m	9.04
	500 MHz	dB/100m	9.47
	550 MHz	dB/100m	9.89
	600 MHz	dB/100m	10.35
	750 MHz	dB/100m	11.88
	865 MHz	dB/100m	12.94
	1000 MHz	dB/100m	14.08
	1200 MHz	dB/100m	15.73
	1450 MHz	dB/100m	17.69
	1750 MHz	dB/100m	19.86
Shielding effectiveness		dB	> 95
Propagation velocity		%	85
Resistance DC			
Inner conductor		Ω/km	8.3
Outer conductor		Ω/km	21
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]
S1177BVCU	Coaxial cable RG11 copper (Cu) 77% PVC black	305	38x41x41	50

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