



CATV-Drop-Cable RG59 (Cu) 90% Tri-shield PVC

S5990GVTCU

**Application**

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

Construction

Inner conductor	copper	Diameter	∅ 0.81 ± 0.01 mm
Insulation	physical foamed PE, natural color		∅ 3.66 ± 0.04 mm
Outer conductor			
Inner foil	tape [AL-PET] bonded		
Shield	aluminium braid, optical coverage 90%		
Outer foil	[AL-PET-AL]		
Jacket	green PVC		∅ 6.10 ± 0.05 mm

Electrical properties at 20 °C

Impedance	Ω	75 ± 3
Nominal capacity	PF/m	54
Max attenuate		
5 MHz	dB/100m	2.82
55 MHz	dB/100m	6.73
211 MHz	dB/100m	12.47
250 MHz	dB/100m	13.45
350 MHz	dB/100m	15.75
400 MHz	dB/100m	16.73
450 MHz	dB/100m	17.72
500 MHz	dB/100m	18.70
550 MHz	dB/100m	19.52
600 MHz	dB/100m	20.34
750 MHz	dB/100m	22.87
865 MHz	dB/100m	24.67
1000 MHz	dB/100m	26.64
Shielding effectiveness	dB	> 105
Propagation velocity	%	85
Resistance DC		
Inner conductor	Ω/km	33.5
Outer conductor	Ω/km	33.0
Return loss		
5 - 1000 MHz	dB	≥ 20

Technical data

Product code	Cable type	Standard length [m]	Package dimensions high [cm] width [cm] depth [cm]	Minimum bend radius [mm]
S5990GVTCU	Coaxial cable RG59 copper (Cu), 90% Tri-Shield PVC green	100	30x30x10	30

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