



## 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**

<b>Inner conductor</b>	copper	<b>Diameter</b>	∅ <b>0.81</b> ± 0.01 mm
<b>Insulation</b>	physical foamed PE, natural color		∅ <b>3.66</b> ± 0.04 mm
<b>Outer conductor</b>			
<b>Inner foil</b>	tape [AL-PET] bonded		
<b>Shield</b>	aluminium braid, optical coverage 90%		
<b>Outer foil</b>	[AL-PET-AL]		
<b>Jacket</b>	green PVC		∅ <b>6.10</b> ± 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
<b>Shielding effectiveness</b>	dB	> 105
<b>Propagation velocity</b>	%	85
<b>Resistance DC</b>		
Inner conductor	Ω/km	33.5
Outer conductor	Ω/km	33.0
<b>Return loss</b>		
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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