



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

S5990NVTCU

**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

		<u>Diameter</u>
Inner conductor	copper	Ø 0.81 ± 0.01 mm
Insulation	physical foamed PE, natural color	Ø 3.66 ± 0.04 mm
Outer conductor		
Inner foil	tape [AL.-PET] bonded	
Shield	aluminium braid, optical coverage 60%	
Outer foil	[AL-PET-AL]	
Jacket	blue PVC	Ø 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]
S5990NVTCU	Coaxial cable RG59 copper (Cu) 90% Tri-Shield PVC blue	100	30x30x10	30

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