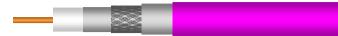


# CATV-Drop-Cable RG59 (Cu) 90% Tri-Shield PVC

## S5990VVTCU



### **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 **Diameter** 

Inner conductor 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

aluminium braid, optical coverage 90% Shield

**Outer foil** [AL-PET-AL]

Jacket violet PVC Ø **6.10** ± 0.05 mm

### Electrical properties 20 °C

Impedance Nominal capacity Max attenuate 5 MHz 55 MHz 211 MHz 250 MHz 350 MHz 400 MHz 450 MHz 500 MHz	Ω PF/m dB/100m dB/100m dB/100m dB/100m dB/100m dB/100m dB/100m	75 ± 3 54 2.82 6.73 12.47 13.45 15.75 16.73 17.72 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 Propagation velocity Resistance DC	dB %	> 105 85
Inner conductor	$\Omega$ /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]
S5990VVTCU	Coaxial cable RG59 cooper (Cu), 90% Tri-Shield PVC violet	100	30x30x10	30

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