

## TV Coaxial Cable Classification

Class	Frequency (MHz)	Screening Attenuation	Transfer Impedance (5 - 30 MHz)
A++	5 - 30	Not Specified	≤ 0.9 m Ohm/m
	30 - 1000	≥ 105dB	
	1000 - 2000	≥ 95dB	
	2000 - 3000	≥ 85dB	
A+	5 - 30	Not Specified	≤ 2.5 m Ohm/m
	30 - 1000	≥ 95dB	
	1000 - 2000	≥ 85dB	
	2000 - 3000	≥ 75dB	
A	5 - 30	Not Specified	≤ 5 m Ohm/m
	30 - 1000	≥ 85dB	
	1000 - 2000	≥ 75dB	
	2000 - 3000	≥ 65dB	
B	5 - 30	Not Specified	≤ 15 m Ohm/m
	30 - 1000	≥ 75dB	
	1000 - 2000	≥ 65dB	
	2000 - 3000	≥ 55dB	
C	5 - 30	Not Specified	≤ 50 m Ohm/m
	30 - 1000	≥ 75dB	
	1000 - 2000	≥ 65dB	
	2000 - 3000	≥ 55dB	

The demands for screening attenuation and transfer impedance of the CATV cables are defined by European Standard EN50117-2.

## Glossary

<b>CCS</b>	Copper Clad Steel
<b>BC</b>	Bare Copper
<b>CCA</b>	Copper Clad Aluminum
<b>TC</b>	Tinned Copper
<b>SPC</b>	Silver Plated Copper
<b>SPCCS</b>	Silver Plated Copper Clad Steel
<b>PE</b>	Polyethylene
<b>HDPE</b>	High Density PE
<b>SPE</b>	Solid PE
<b>FPE</b>	Foam PE
<b>PVC</b>	Polyvinyl Chloride
<b>LSZH</b>	Low Smoke Zero Halogen
<b>FEP</b>	Fluorinated Ethylene Propylene
<b>PTFE</b>	Polytetrafluoroethylene
<b>CATV</b>	Community Antenna Television
<b>CCTV</b>	Closed Circuit Television
<b>HDTV</b>	High-Definition Television
<b>SAT-TV</b>	Satellite Television

