

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	

Glossary

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

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

