

TELASS CSF 110 (A+)

Product-Nr.: 2966

DOP.: Eca



Usage

High-quality television cables for interference-free reception. Characterized by coaxial construction and double shielding, our CATV cables offer optimal conditions for cable television.

Weight

0,05727 kg/m

Construction

Photo	Colours and design may differ from the picture
Inner conductor dimensions [mm]	1,13
Inner Conductor material	Cu bare
Insulation dimensions [mm]	4,80
Insulation material	Foamed PE
1. Outer Conductor material	Foil AL-PET-AL longitudally overlapping
1. Outer Conductor opt. coverage [%]	78
2. Outer conductor material	braid Cu tinned
3. Outer conductor material	Foil AL-PVC
Jacket dimensions [mm]	7,0 ± 0,20
Jacket material	PVC white
Construction Number	010277

Electrical Properties

EMC class	A+
Velocity ratio [v/c]	0,85
Characteristic impedance [Ω]	75 ± 3
Attenuation at 5 MHz [dB/100m]	1,3
Attenuation at 50 MHz [dB/100m]	4,0
Attenuation at 100 MHz [dB/100m]	5,7
Attenuation at 200 MHz [dB/100m]	8,1
Attenuation at 500 MHz [dB/100m]	13,0
Attenuation at 800 MHz [dB/100m]	16,7
Attenuation at 1000 MHz [dB/100m]	18,7
Attenuation at 2000 MHz [dB/100m]	27,0
Attenuation at 3000 MHz [dB/100m]	33,7
DC resistance inner conductor [Ω/km]	18
DC resistance outer conductor [Ω/km]	10
Capacitance approx. [pF/m]	52
Return loss 5 - 30 MHz [dB]	> 30
Return loss 30 - 470 MHz [dB]	> 28
Return loss >470-1000 MHz [dB]	> 26
Return loss >1000-2000 MHz [dB]	> 23
Return loss >2000-3000 MHz [dB]	> 20

Transfer impedance [mΩ/m]	< 2,5
Screening attenuation 30-1000 MHz [dB]	> 110
Screening attenuation >1000-2000 MHz [dB]	> 100
Screening attenuation >2000-3000 MHz [dB]	> 90

Mechanical Properties

Installation temperature range [°C]	-5 / +55
Operating temperature range [°C]	-40 / +70
Min. bending radius (dynamic) [mm]	70
Min. bending radius (static) [mm]	35
Max. tensile strength [N]	136
Heat of combustion [kWh/m]	0,23
UV-resistance	Very good

Alle Angaben verstehen sich, falls nicht anders angegeben, als Nennwert. Änderungen in Konstruktion und Ausführung vorbehalten.
The data provided is based on nominal values. Subject to change without notice and errors excepted.