

**TELASS 40-PVC**

Product-Nr.: 1026

DOP.: Eca



**Usage**

Double shielded coaxial house installation cable (antenna cable, CATV cable) with inner conductor made of copper for interference-free TV reception.

The PVC jacket provides very good laying properties, weather and UV resistance.

**Weight**

0,01467 kg/m

**Construction**

Photo	Colours and design may differ from the picture
Inner conductor dimensions [mm]	0,40
Inner Conductor material	Copper clad steel
Insulation dimensions [mm]	2,0
Insulation material	Cell-PE
1. Outer Conductor material	Al foil longitudinally overlapping
2. Outer conductor material	Cu braid tinned
Jacket dimensions [mm]	3,5
Jacket material	PVC white
Construction Number	930797

**Electrical Properties**

EMC class	C
Velocity ratio [v/c]	0,82
Characteristic impedance [ $\Omega$ ]	75 $\pm$ 4
Attenuation at 5 MHZ [db/100m]	3,4
Attenuation at 50 MHZ [db/100m]	10,7
Attenuation at 100 MHZ [db/100m]	15,2
Attenuation at 200 MHZ [db/100m]	21,6
Attenuation at 500 MHZ [db/100m]	34,4
Attenuation at 800 MHZ [db/100m]	43,7
Attenuation at 1000 MHZ [db/100m]	49,1
Attenuation at 2000 MHZ [db/100m]	70,3
Attenuation at 3000 MHZ [db/100m]	87,0
DC resistance inner conductor [ $\Omega$ /km]	345
DC resistance outer conductor [ $\Omega$ /km]	60,0
Capacitance approx. [pF/m]	55
Return loss 5 - 30 MHZ [db]	20
Return loss 30 - 470 MHZ [db]	20
Return loss >470-1000 MHZ [db]	18
Return loss >1000-2000 MHZ [db]	16
Return loss >2000-3000 MHZ [db]	15
Transfer impedance [m $\Omega$ /m]	<40

Screening attenuation 30-1000 MHZ [db]	>90
Screening attenuation 1000-2000 MHZ [db]	>85
Screening attenuation 2000-3000 MHZ [db]	>80

## Mechanical Properties

Installation temperature range [°C]	-5 / +55
Operating temperature range [°C]	-20 / +70
Min. bending radius (dynamic) [mm]	30
Min. bending radius (static) [mm]	15
Max. tensile strength [N]	32
Heat of combustion [kWh/m]	0,06
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.