Datasheet

Video 1,0/6,6-PE

Product-Nr.: 1126
DOP.: Fca

Usage

Our coaxial video cables are suitable for video surveillance, studio technology, transmission of video data to monitors or industrial image processing. BDA video cables use low attenuation foamed polyethylene (cell-PE) as dielectric, and are double shielded to provide better shielding against interferences. Video coaxial cables from bda connectivity are characterized by tightly limited characteristic impedances of 75 Ω +/-1%. These cables are available with different diameters, thus enabling different transmission lengths.

Weight

0,07872 kg/m

Construction

Photo	Colours and design may differ from the picture
Inner conductor dimensions [mm]	1,00
Inner Conductor material	Cu bare
Insulation dimensions [mm]	6,38
Insulation material	PE
1. Outer Conductor dimensions [mm]	7,00
1. Outer Conductor material	Cu braiding
Jacket dimensions [mm]	8,8
Jacket material	PE
Construction Number	910779

Electrical Properties

Characteristic impedance [Ω]	75 ± 1
Attenuation at 1 MHZ [db/100m]	0,6
Attenuation at 5 MHZ [db/100m]	1,4
Attenuation at 10 MHZ [db/100m]	2,0
Attenuation at 100 MHZ [db/100m]	6,4
Attenuation at 135 MHZ [db/100m]	7,5
Attenuation at 180 MHZ [db/100m]	9,2
Attenuation at 270 MHZ [db/100m]	10,9
Attenuation at 300 MHZ [db/100m]	11,5
Attenuation at 360 MHZ [db/100m]	12,8
Attenuation at 800 MHZ [db/100m]	20,1
Attenuation at 1000 MHZ [db/100m]	23,0
Velocity ratio [v/c]	0,66
DC resistance inner conductor [Ω/km]	24
DC resistance outer conductor [Ω/km]	7,5
Operating voltage [V]	800
Capacitance approx. [pF/m]	67

Mechanical Properties

Operating temperature range [°C]	-20 / +80
Heat of combustion [kWh/m]	-
Max. tensile strength [N]	170
Min. bending radius (dynamic) [mm]	90
Min. bending radius (static) [mm]	45
UV-resistance	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.