

RG 62-PVC

Product-Nr.: 17158

DOP.: Eca



Usage

The RG-62 cable is a 93-ohm coaxial cable for indoor installation as well as industrial installation in pipes and cable ducts, for the transmission of high-frequency signals and power.

Weight

0,0471 kg/m

Construction

Photo	Colours and design may differ from the picture
Inner conductor dimensions [mm]	0,64
Inner Conductor material	Copper-Clad Steel (CCS)
Insulation dimensions [mm]	3,70
Insulation material	Air-Spaced Polyethylene With Monofilament Thread
1. Outer Conductor material	Copper Braid
1. Outer Conductor opt. coverage [%]	92
Jacket material	PVC black
Jacket dimensions [mm]	6,2

Electrical Properties

Characteristic impedance [Ω]	93 $\pm$ 3
Attenuation at 5 MHz [db/100m]	1,9
Attenuation at 10 MHz [db/100m]	2,4
Attenuation at 50 MHz [db/100m]	5,8
Attenuation at 100 MHz [db/100m]	8,2
Attenuation at 200 MHz [db/100m]	11,8
Attenuation at 400 MHz [db/100m]	17,0
Attenuation at 500 MHz [db/100m]	19
Attenuation at 600 MHz [db/100m]	21,1
Attenuation at 800 MHz [db/100m]	24,4
Attenuation at 1000 MHz [db/100m]	27,8
Attenuation at 1350 MHz [db/100m]	32,9
Attenuation at 1500 MHz [db/100m]	34,7
Attenuation at 1750 MHz [db/100m]	38,3
Attenuation at 2150 MHz [db/100m]	43,1
Attenuation at 2250 MHz [db/100m]	43,8
Attenuation at 2500 MHz [db/100m]	47,4
Attenuation at 2750 MHz [db/100m]	49,6
Attenuation at 3000 MHz [db/100m]	52,6
Velocity ratio [v/c]	0,84
DC resistance inner conductor [Ω /km]	130
DC resistance outer conductor [Ω /km]	13
Capacitance approx. [pF/m]	44

Return loss 30 - 300 MHz [db]	>17
Return loss >300-470 MHz [db]	>17
Return loss >470-1000 MHz [db]	>17
Return loss >1000-2000 MHz [db]	>16
Return loss >2000-3000 MHz [db]	>14
Screening effectiveness 100-900 MHz [db]	>57

Mechanical Properties

Operating temperature range [°C]	-30 - +70
Min. bending radius (dynamic) [mm]	62
Min. bending radius (static) [mm]	31

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.