

RG 22-PVC

Product-Nr.: 1083

DOP.: n.s.



Usage

Our symmetrical RG cables, also called twinaxial cables.

Optimized with regard to electrical or mechanical tolerances, special environmental conditions and robustness, these RG cables are today internationally used standards. They are used in all areas of electronics, especially in measurement and radio technology as well as information technology.

Furthermore, our RG coaxial cables are manufactured according to the specifications of MIL C-17.

Weight

0,18811 kg/m

Construction

Photo	Colours and design may differ from the picture
Number of cores	2
Inner conductor dimensions [mm]	2x 7x 0,40
Inner Conductor material	1. Cu bare / 2. Cu tinned
Insulation dimensions [mm]	2,29
Insulation material	LD-PE
1. Outer Conductor dimensions [mm]	8,7
1. Outer Conductor material	2x Cu braid tinned
1. Outer Conductor opt. coverage [%]	96 / 97
2. Insulation material	LD-PE
2. Insulation dimensions [mm]	7,24
Jacket material	PVC black
Jacket dimensions [mm]	10,67 ± 0,25
Construction Number	930080

Electrical Properties

Characteristic impedance [Ω]	95 ± 5
Attenuation at 1 MHz [db/100m]	1,5
Attenuation at 10 MHz [db/100m]	4,6
Attenuation at 20 MHz [db/100m]	6,2
Attenuation at 50 MHz [db/100m]	9,1
Attenuation at 100 MHz [db/100m]	11,6
Attenuation at 200 MHz [db/100m]	14,0
Velocity ratio [v/c]	0,66
DC resistance inner conductor [Ω /km]	19
DC resistance outer conductor [Ω /km]	3
Capacitance approx. [pF/m]	58
Operating voltage [V]	750

Mechanical Properties

Operating temperature range [°C]	-25 / +70
Heat of combustion [kWh/m]	0,76
Max. tensile strength [N]	600
Min. bending radius (dynamic) [mm]	100
Min. bending radius (static) [mm]	50

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.