

# SECURITY CABLES

## GAALNET® MINI-COAXIAL 75 Ohm 100 V

Screened cable for audio/video data transmission, acc. to CEI UNEL 36762, EN 50575:2014 + A1:2016, Eca

ELETTROTEK KABEL® GAALNET® MINI COAX 75 Ohm 100 V, Eca

### Construction:

<b>Conductor:</b>	solid plain annealed copper conductor Cl. 1, 1x0,40 mm
<b>Insulation:</b>	PEE compound
<b>Colour core:</b>	natural
<b>Screen:</b>	aluminium/PET tape + tinned copper braid, 72% covering
<b>Outer sheath:</b>	white (similar RAL 1013), PVC compound

### Resistance:



**Flame and fire retardant acc. to:**  
CEI 20-35, IEC 60332-1  
CEI 20-22 II, IEC 60332-3

### Technical data:

<b>Nominal voltage:</b>	100 V
<b>Temperature range:</b>	-20°C up to +70°C
<b>Min. bending radius</b>	10 x d
<b>Conductor resistance:</b>	max. 136 Ohm/km
<b>Impedance:</b>	75 ± 3 Ω
<b>Capacitance:</b>	53 pF/m
<b>Return loss dB:</b> <i>from 5 up to 30 MHz:</i>	max. 4
<b>Propagation speed:</b>	85%

### Features:

insulation and jacket acc. to CEI 20-11  
acc. to CEI 20-38  
acc. to CEI 20-37  
compound lead free acc. to CEI 20-52  
acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca  
classification (CEI UNEL 35016), EN 13501-6  
suitable for installation in a single conduit  
or channel or bridge, without interposing  
separators, with cable system of Category I°  
marked "450/750" or "0,6/1 kV" (as required by CEI-UNEL 36762)

RoHS and CE approval



### ELECTRICAL CHARACTERISTICS:

Frequency MHz	Attenuation dB/100 m
2	2,9
3	3,6
4	4,2
5	4,7
6	5,2
7	5,6
8	5,9
10	6,5

Part no.	Nominal cross-section no. of pairs x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km
86010BWH010M01	1 x 0,14	3,6	10	15

Other dimensions and colours available on request.