

# NETWORK & HOME AUTOMATION CABLES

## GAALNET® BUS BUILDING AUTOMATION

acc. to CEI UNEL 36762, EN 50575:2014 + A1:2016, Eca

ELETTROTEK KABEL® GAALNET® BUS BUILDING AUTOMATION

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### Construction:

<b>Conductor:</b>	solid plain annealed copper conductor Cl. 1, 1x0,80 mm
<b>Insulation:</b>	PVC type T11
<b>Colour cores:</b>	
<i>single-pair:</i>	red + black
<i>multi-pair:</i>	red + black + yellow + white
<b>Stranding:</b>	in pair(s)
<b>Screen:</b>	aluminium/PET tape + tinned bare copper drain wire, 100% coverage
<b>Outer sheath:</b>	red (similar RAL 3000) or green (similar RAL 6018), PVC type TM2 or LSZH compound

### Resistance:



**Fire and flame retardant acc. to:**  
IEC 60332-3, CEI 20-22 II  
IEC 60332-1-2, CEI 20-35

### Technical data:

<b>Nominal voltage Uo/U:</b>	250/250 V
<b>Test voltage:</b>	2 kV x 5 min
<b>Temperature range</b>	-30°C up to +70°C
<b>Min. bending radius:</b>	10 x d
<b>Insulation resistance:</b>	5 GOhm/km
<b>Mutual capacitance:</b>	100 pF/mt

### Features:

insulation and jacket acc. to CEI 20-11  
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



The table is refer to PVC outer sheath.

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km
75020C.M012M08	1 x 2 x 0,8	4,2	15,4	33
75020C.M022M08	2 x 2 x 0,8	5,5	30,7	50

Other dimension and colours available on request.

The table is refer to LSZH outer sheath.

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km
75030C.M012M08	1 x 2 x 0,8	4,2	15,4	26
75030C.M022M08	2 x 2 x 0,8	5,5	30,7	48

\*The point inside the part number refers to the different colors in which outer sheath can be produced. Each color has different letter.

Other dimension and colours available on request.