

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:

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

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