

GAALNET® Y(St)Y

fire warning installation cable, acc. to UNEL 36762, EN 50575:2014 + A1:2016, Eca

ELETTROTEK KABEL® GAALNET® Y(st)Y Lg BRANDMELDE KABEL, Eca

Construction:

Conductor:	flexible plain annealed copper conductor Cl. 5, acc. to IEC 60228
Insulation:	PVC type Tl1
Colour cores:	red + black
Stranding:	in layers
Screen:	aluminium/PET tape + tinned copper drain wire
Outer sheath:	red (similar RAL 3000), PVC type TM2

Resistance:



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

Technical data:

Nominal voltage:	Uo/U 450/750 V
Test voltage:	
<i>conductors:</i>	4 kV x 5 min
Temperature range	-10°C up to +70°C
Min. bending radius:	10 x d
Conductor resistance:	
<i>0,50 sqmm:</i>	39 OHm/km at 20°C
<i>0,75 sqmm:</i>	26 OHm/km at 20°C
<i>1 sqmm:</i>	19,5 OHm/km at 20°C
<i>1,5 sqmm:</i>	13,3 OHm/km at 20°C
Mutual capacitance:	147 pF/mt

Features:

fire warning installation cable

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



Part no.	No. of cores x conductor diameter n x mm	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km
49011ERM020M05	2 x 0,5	5,5	9,6	40
49011ERM020M07	2 x 0,75	5,9	14,4	47
49011ERM020M10	2 x 1	6,5	19,2	59
49011ERM020M15	2 x 1,5	7,3	28,8	80

Other dimensions and colours available on request.