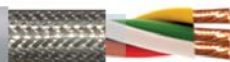


GAALFLEX® CONTROL 500 CY FL OR

PVC control cable with overall copper screen 450/750 V, DIN 47100, acc. to CEI UNEL 36762, Eca

ELETTROTEK KABEL® GAALFLEX® CONTROL 500 CY FL OR, Eca



Construction:

Conductor:	flexible plain annealed copper conductor Cl.5, acc. to IEC 60228
Insulation:	PVC type R2
Colour cores:	DIN 47100
Stranding:	in layers
Wrapping:	aluminium/PET tape
Screen:	tinned copper braid
Outer sheath:	grey (similar RAL 7001), PVC type TM2

Technical data:

Nominal voltage:	U ₀ /U 450/750 V
Test voltage:	
<i>conductors:</i>	4 kV x 5 min
<i>sheath:</i>	5 kV x 5 min
Temperature range	-10°C up to +70°C
Min. bending radius:	
<i>fixed laying:</i>	6 x d
<i>flexible installation:</i>	10 x d

Resistance:



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

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



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
31460E54020M02	2 x 0,25	4,5	4,8	27
31460E54030M02	3 x 0,25	4,8	7,2	33
31460E54040M02	4 x 0,25	5,1	9,6	39
31460E54050M02	5 x 0,25	5,4	12	48
31460E54060M02	6 x 0,25	5,9	14,4	55
31460E54080M02	8 x 0,25	6,3	19,2	65
31460E54100M02	10 x 0,25	7,4	24	86
31460E54120M02	12 x 0,25	7,5	28,8	89
31460E54140M02	14 x 0,25	7,9	33,6	100
31460E54160M02	16 x 0,25	8,3	38,4	114
31460E54020M03	2 x 0,35	5	6,7	33
31460E54030M03	3 x 0,35	5,3	10,1	40
31460E54040M03	4 x 0,35	5,7	13,4	48
31460E54050M03	5 x 0,35	6,1	16,8	59
31460E54060M03	6 x 0,35	6,7	20,2	71
31460E54080M03	8 x 0,35	7,2	26,9	85
31460E54100M03	10 x 0,35	8,3	33,6	105
31460E54120M03	12 x 0,35	8,5	40,3	115
31460E54020M05	2 x 0,5	5,4	9,6	37
31460E54030M05	3 x 0,5	5,7	14,4	44
31460E54040M05	4 x 0,5	6,1	19,2	55
31460E54050M05	5 x 0,5	6,6	24	67
31460E54060M05	6 x 0,5	7,2	28,8	80
31460E40080M05	8 x 0,5	7,8	38,4	99
31460E54100M05	10 x 0,5	9,2	48	127
31460E54120M05	12 x 0,5	9,4	57,6	135
31460E54160M05	16 x 0,5	10,3	76,8	176
31460E54240M05	24 x 0,5	13,1	115,2	273
31460E54020M07	2 x 0,75	6	14,4	49
31460E54030M07	3 x 0,75	6,4	21,6	61
31460E54040M07	4 x 0,75	6,9	28,8	74
31460E54050M07	5 x 0,75	7,4	36	92
31460E54060M07	6 x 0,75	8,1	43,2	108
31460E54080M07	8 x 0,75	8,9	57,6	133
31460E54100M07	10 x 0,75	10,4	72	175

Other dimensions and colours available on request.