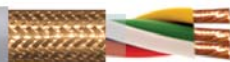


GAALFLEX® CONTROL 500 CY FL OR

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:	polyester tape
Screen:	plain annealed 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	13,8	27
31460E54030M02	3 x 0,25	4,8	16,2	33
31460E54040M02	4 x 0,25	5,1	18,6	39
31460E54050M02	5 x 0,25	5,4	21	48
31460E54060M02	6 x 0,25	5,9	23,4	55
31460E54080M02	8 x 0,25	6,3	32,2	65
31460E54100M02	10 x 0,25	7,4	37	86
31460E54120M02	12 x 0,25	7,5	41,8	89
31460E54140M02	14 x 0,25	7,9	53,6	100
31460E54160M02	16 x 0,25	8,3	58,4	114
31460E54020M03	2 x 0,35	5	15,7	33
31460E54030M03	3 x 0,35	5,3	19,1	40
31460E54040M03	4 x 0,35	5,7	22,4	48
31460E54050M03	5 x 0,35	6,1	29,8	59
31460E54060M03	6 x 0,35	6,7	33,2	71
31460E54070M03	7 x 0,35	6,9	33,3	79
31460E54080M03	8 x 0,35	7,2	39,9	85
31460E54100M03	10 x 0,35	8,3	53,6	105
31460E54120M03	12 x 0,35	8,5	60,3	115
31460E54020M05	2 x 0,5	5,4	22,4	43
31460E54030M05	3 x 0,5	5,7	27,3	51
31460E54040M05	4 x 0,5	6,1	36,6	68
31460E54050M05	5 x 0,5	6,6	41,7	79
31460E54060M05	6 x 0,5	7,2	41,8	80
31460E40080M05	8 x 0,5	7,8	51,4	99
31460E54100M05	10 x 0,5	9,2	68	127
31460E54120M05	12 x 0,5	9,4	90,1	159
31460E54160M05	16 x 0,5	10,3	109,2	198
31460E54240M05	24 x 0,5	13,1	135,2	273
31460E54020M07	2 x 0,75	6	27,3	52
31460E54030M07	3 x 0,75	6,4	39	68
31460E54040M07	4 x 0,75	6,9	46,3	80
31460E54050M07	5 x 0,75	7,4	58,4	102
31460E54060M07	6 x 0,75	8,1	63,2	118
31460E54080M07	8 x 0,75	8,9	70,6	143
31460E54100M07	10 x 0,75	10,4	92	185

Other dimensions and colours available on request.