

# BASKET CABLES

## BASKET SPREADER 730



Suitable for sprayer application

ELETTROTEK KABEL® BASKET SPREADER 730

### Construction:

<b>Conductor:</b>	flexible tinned copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	special rubber EPR compound
<b>Cores color:</b>	black cores with consecutive numbers acc. to EN 50334
<b>Central unit:</b>	aramide yarns (with a minimum tensile strength of 10 kN)
<b>Stranding:</b>	cores in sextuples with short lay length
<b>Wrapping:</b>	special tape
<b>Outer sheath:</b>	black (similar to RAL 9005), special rubber CSP compound

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2



**Oil resistance acc. to:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V max. 550 V
<b>Test voltage:</b>	2 kV
<b>Temperature range:</b>	
<i>Fixed laying:</i>	-40°C up to +90°C
<i>Flexible application:</i>	-25°C up to +70°C
<b>Max. temp on conductor:</b>	
<i>In service:</i>	up to +90°C
<i>In short circuit:</i>	up to +250°C
<b>Min. bending radius:</b>	15 x D
<b>Tensile strength:</b>	max. 4000 N
<b>Max speed (main application):</b>	160 m/min

### Features:

UV, weather, and moisture resistance  
outdoor use  
vertical use  
for SPEED see pages from 2 to 4 of catalogue  
RoHS and CE approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	Tensile strength N	AWG no.®)
03140D71066M25	6x(6x2,5)	41	2790	4000	14
03140D71076M25	7x(6x2,5)	45	3260	4000	14
03140D71086M25	8x(6x2,5)	48,5	3690	4000	14
03140D71096M25	9x(6x2,5)	52	4280	4000	14
03140D71066M33	6x(6x3,3)	44,5	3380	4000	12
03140D71076M33	7x(6x3,3)	49	3980	4000	12
03140D71086M33	8x(6x3,3)	53	4560	4000	12
03140D71096M33	9x(6x3,3)	57,5	5310	4000	12

Other dimensions and colors available on request.

# BASKET CABLES

## BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)



Suitable for spreader application

### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC type Y12
<b>Cores color:</b>	black cores with consecutive numbers acc. to EN 50334 + green/yellow
<b>Central unit:</b>	aramide yarns whit lead
<b>Stranding:</b>	cores are twisted to bundle with central lead core, bundles twisted around central unit
<b>Wrapping:</b>	non-woven tape, on each bundle and overall
<b>Outer sheath:</b>	black (similar to RAL 9005), PUR type 11YM1

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Max. operating voltage in A.C. systems:</b>	U <sub>0</sub> /U 310/550 V
<b>Max. operating voltage in D.C. systems:</b>	U <sub>0</sub> /U 410/825 V
<b>Test voltage:</b>	2 kV
<b>Temperature range:</b>	
<i>Fixed laying:</i>	-20°C up to +60°C
<i>Flexible application:</i>	-20°C up to +60°C
<b>Max. temp on conductor:</b>	
<i>In service:</i>	up to +70°C
<i>In short circuit:</i>	up to +150°C
<b>Min. bending radius:</b>	15 x D
<b>Tensile strenght:</b>	up to 15 n/mm <sup>2</sup>
<b>Max. torsion:</b>	± 25°/1mt.
<b>Max speed (main application):</b>	160 m/min

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2



**Oil resistance acc. to:**  
DIN VDE 0282 part. 10  
IEC EN 60811-2-1

### Features:

UV, ozone, and moisture resistance  
outdoor/indoor use  
up to 50 mt. suspension length  
high breaking load of supporting unit  
cold version on request  
possible constructions: control cables with Bus or Fibre Optics element  
UL/CSA approval on request  
GOST-R approval on request  
for SPEED see pages from 2 to 4 of catalogue  
CE approval

**CE**

# BASKET CABLES

## BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)



Suitable for spreader application

### YSLTOE-J control cables

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	AWG no.®)
03150D70481M10	48G1	32	460,8	1900	18
03150D70241M25	24G2,5	30	576	1650	14
03150D70301M25	30G2,5	32,6	720	2050	14
03150D70361M25	36G2,5	36,2	864	2350	14
03150D70421M25	42G2,5	38,5	1008	3050	14
03150D70481M25	48G2,5	42,5	1152	3450	14
03150D70541M25	54G2,5	47	1296	3490	14
03150D70201M35	20G3,5	32,3	672	2000	12
03150D70241M35	24G3,5	32,5	806,4	2080	12
03150D70301M35	30G3,5	36,6	1008	2650	12
03150D70361M35	36G3,5	39,5	1209,6	3300	12
03150D70421M35	42G3,5	41,2	1411,2	3800	12
03150D70481M35	48G3,5	44,1	1612,8	4150	12
03150D70541M35	54G3,5	44,3	1814,4	4430	12

Other dimensions and colors available on request.