

BASKET CABLES

BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

ELETTROTEK KABEL® BASKET SPREADER 740 (YSLTOE)



Suitable for spreader application

Construction:

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

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

Technical data:

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

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

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YSLTOE-J control cables

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	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.