

BASKET CABLES

BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

CE

BASKET SPREADER 740 (YSLTOE)

Construction:

Conductor:	Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC type YI2
Cores color:	black cores with consecutive numbers acc. to EN 50334 + green-yellow
Central unit:	aramid braided 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

Features:

- ▶ up to 50 mt. suspension length
- ▶ high breaking load of supporting unit
- ▶ UV resistant
- ▶ outdoor/indoor use
- ▶ UL/CSA on request
- ▶ GOST-R on request
- ▶ possible cold version on request
- ▶ possible constructions: control cables with Bus or Fibre Optics element

Technical data:

Nominal voltage:	U _o /U 300/500 V
Test voltage:	2 kV
Max. permissible operating voltage in AC systems:	U _o /U 310/550 kV
Max. permissible operating voltage in DC systems:	U _o /U 410/825 kV
Temperature range	
Fixed laying:	- 20°C up to + 60°C
Flexible application:	- 20°C up to + 60°C
Max. operating temperature on conductor:	+ 70°C
Short circuit temperature on conductor:	+ 150°C
Min. Bending radius:	15 x d
Tensile strenght:	max. 15 N/mm ²
Max. speed:	max. 160 m./min.
Max. torsion:	± 25°/m
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: DIN VDE 0282 part 10, IEC EN 60811-2-1 Weather resistance: outdoor/indoor use resistant to ozone, moisture and UV



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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 approx. 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	43,8	1411,2	4200	12

Other construction and sizes are available on request

