



Construction:

Conductor:	Bare copper stranded
Insulation:	PVC compound Y12
Color code:	black cores with consecutive printed numbers acc. to EN 50334; green-yellow earth-conductor
Suspension unit:	aramid braided with lead
Stranding:	cores are twisted to beams with lead cord in the centre
Wrapping:	non woven tape
Stranding:	harness of twisted wires and lead suspension unit in the centre
Wrapping:	non-woven tape
Outer sheath:	BLACK PUR compound 11YM1

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	core/core 2000 V
Max. permissible operating voltage in AC systems:	U ₀ /U 310/550 kV
Max. permissible operating voltage in DC systems:	U ₀ /U 410/825 kV
Temperature range	
Fixed laying:	- 20°C + 60°C
Flexible application:	- 20°C + 60°C
Max. allowed operating temperature on conductor:	+ 70°C
Short circuit temperature on conductor:	+ 150°C
Tensile load:	max. 15 N/mm ²
Torsional stress:	± 25°/m
Travel speed hoisting gear:	max. 160 m./min.
Oil resistance:	very good acc. to DIN VDE 0282 par. 10 + HD 22.10
Weather resistance:	applications in dry, damp and wet rooms as well as in the open-air with a very good resistance against ozone, UV and humidity

Outstanding features:

- ▶ up to 50 mt. suspension length
- ▶ high breaking load of supporting unit
- ▶ UL/CSA on request
- ▶ GOST-R on request
- ▶ Possible constructions: control cables with Bus or Fibre Optics element





BASKET SPREADER 740 (YSLTOE)

Control cable hoisting cages in crane systems

CE



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. *)
07409001	48x1	32,0	460,8	1900	18
07409002	24x2,5	30,0	576,0	1650	14
07409003	30x2,5	32,6	720,0	2050	14
07409004	36x2,5	36,2	864,0	2350	14
07409005	42x2,5	38,5	1008,0	3050	14
07409006	48x2,5	42,5	1152,0	3450	14
07409007	54x2,5	47,0	1296,0	3490	14
07409008	20x3,5	32,3	672,0	2000	12
07409009	24x3,5	32,5	806,4	2080	12
07409010	30x3,5	36,6	1008,0	2650	12
07409011	36x3,5	39,5	1209,6	3300	12
07409012	42x3,5	43,8	1411,2	4200	12

Other construction and sizes are available on request