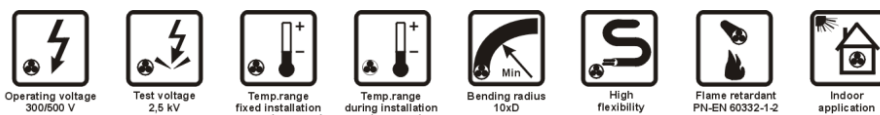


## KASTER

### SELF SUPPORTING CONTROL CABLES



### APPLICATIONS

**KASTER** are cables intended for connecting control panels and consoles with lift, crane, transport and other devices, at once with them suspended by two steel support elements integrated with cable.

The cables are suitable for indoor installations.

### CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires meeting requirements of class 6 per PN-EN 60228,
- black PVC insulation and white conductor numbers printed on it for identification, green-yellow protective conductor located in the outer layer,
- insulated conductors laid-up in layers,
- each layer wrapped in nonwoven tape,
- two steel support elements placed in the same plane along the cable, at both sides of cable,
- black (RAL 9005) PVC cable sheath, extruded on the cable core and two steel support elements.

### CHARACTERISTICS

Operating voltage Uo/U	300/500 V	Operating temperature range	
Voltage test	2.5 kV rms	for fixed installation	from - 30 to + 80°C
DC conductor resistance at 20°C, maximum		for movable installation	from - 20 to + 70°C
conductor 1.5 mm <sup>2</sup>	13.3 Ω/km	Minimum bending radius	10 x cable height
DC insulation resistance at 70°C, minimum	0.010 MΩ·km	Cable combustibility	flame retardant
Maximum length of the free suspension	35 m	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Conductor temperature limit in work conditions	+ 70°C	Reference standards	PN-87/E-90050
at short-circuit	+ 150°C		

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductor cross-section *	Cable height (appr.)	Cable width (appr.)	Copper index	Cable weight (appr.)
	mm <sup>2</sup>	mm	mm	kg/km	kg/km
0552 001	12G1,5	14.3	24.5	173.0	409
0552 006	16G1,5	15.8	26.0	230.5	503
0552 003	18G1,5	16.6	26.8	259.5	554
0552 002	20G1,5	17.4	27.6	288.0	596
0552 004	24G1,5	19.8	30.0	346.0	708

\* Attention : Letter „G” means green-yellow protective conductor.

Other cross-sections and conductor counts available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.