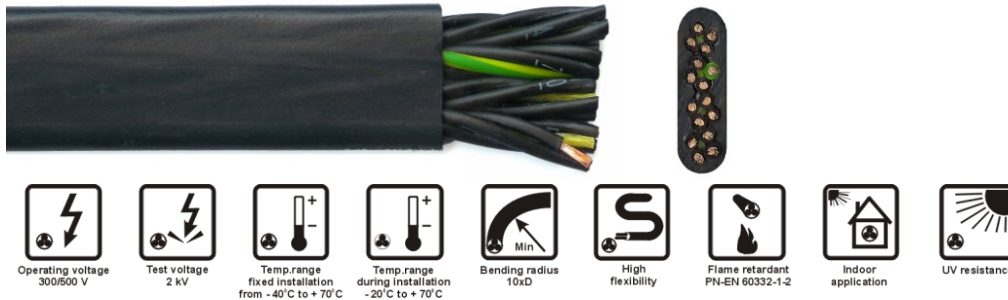


H05VVH6-F nx4G...

FLAT LIFT CABLES



APPLICATIONS

H05VVH6-F nx4G... are flexible power and control cables designed for trolley systems, transport lines, machine tools, especially on hosting devices, lift, crane worked in dry and wet locations.

The cables are designed to offer high flexibility combined with tensile strength.

Cable outer sheath is oil-resistant.

The cables are suitable for connecting fixed and movable equipment in dry or wet locations.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request), meeting requirements of class 5 per PN-EN 60228,
- black PVC insulation and white conductor numbers printed on it for identification, green-yellow protective conductor located in the quad near the axis of the cable,
- insulated conductors twisted into quads,
- quads of insulated conductors laid parallel side by side along the cable,
- black PVC cable sheath, other colours also available.

CHARACTERISTICS

Conductor cross-section	mm ²	0.75	1
DC conductor resistance at 20°C, maximum	Ω/km	26.0	19.5
DC insulation resistance at 70°C, minimum	MΩ·km	0.009	0.012

Operating voltage U ₀ /U	300/500 V	Operating temperature range	
Voltage test	2000 V rms	for fixed equipment	from - 40 to + 70°C
Maximum length of the free suspension	35 m	for movable equipment	from - 20 to + 70°C
Maximum speed movement	1.6 m/s	Minimum bending radius	10 x cable height
Conductor temperature limit in work conditions	+ 70°C	Cable combustibility	flame retardant
at short-circuit	+ 160°C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
		Reference standards	PN-EN 50214

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

Product No.	Number of conductors x conductor cross-section	Cable outer dimensions (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
0893 002	3x4G1	8.0x20.1	115.0	315.0
0893 001	4x4G1	8.0x25.9	154.0	415.0

Other cross-sections and conductor counts available on request.

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