

Heat resistant cord for lamps

Livz6YYw



Application: Universally applicable: Cable with wide range of applications in electronics, nuclear engineering, aviation, marine and military, heating devices and lighting. The insulation is flame-retardant and heat-resistant. For heavy duty use.

core identification:

2 - 2 x transparent

3 - 2 x transparent, 1 transparent with green stripe

4 - 3 x transparent, 1 transparent with green stripe

5 - 4 x transparent, 1 transparent with green stripe

Construction and technical data:

Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	FEP
Sheathing material:	special PVC-compound
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Max. temperature at conductor, °C:	200 °C
Permitted outer cable temperature, fixed, °C:	-20 - +90 °C
Bending radius, fixed installation:	7.5 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

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Nominal voltage U_o:	300 V
Nominal voltage U:	500 V
Test voltage:	2 kV

part no.	part name	lbl [A]	w [mm]	h [mm]	Ø [mm]	Fzv [N]	Cu [kg/km]	Fb [N]	G [kg]
032904	LiVz6Y6Y flat 02X0.75 TR	15	3.4	1.9		22.5	14,4		56
032609	LiVz6YYw round 03G0.75 TR	15			5	33.7	22		66
036935	LiVz6YYw round 03G0.75 TR with supporting element 0.34qmm, Designer-pendulum string	15			5.2	600	22	600	40
032905	LiVz6YYw round 04G0.75 TR	15			5.6	45	29		80

part no.	part name	Ibl [A]	w [mm]	h [mm]	Ø [mm]	Fzv [N]	Cu [kg/km]	Fb [N]	G [kg]
032906	LiVz6YYw round 05G0.75 TR	15			6.2	56.2	36		91
032907	LiVz6YYw round 07G0.75 TR	15			7	78.7	50,4		124
035738	LiVz6YYw round 03G1.5 TR	24			6.4	67.5	43,2		71
035980	LiVz6YYw round 05G1.5 TR	24			8	112.5	72		119
037097	LiVz6YYw round 03G2.5 TR				9.4		72		121
032984	LiVz6YYw round 04G1.5 TR with supporting element 0.9 mm, Designer-pendulum string	24			7	422	58	422	144
035027	LiVz6YYw round 05G1.5 TR with supporting element 1.3 mm, Designer-pendulum string	24			7.7	630	72	630	158
037393	LiVz6YYw round 07G1,5 TR with supporting element 1 mm, Designer-pendulum string	15			12.4		101	1100	140

Ibl	Ampacity in air (30 °C)
w	Width of (flat) cable approx.
h	Approx. height of (flat) cable
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Cu	Copper weight (GER)
Fb	breaking load
G	net weight per 1000