

# Rubber insulated cable

## L-STN-J- AC



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** Flexible cable with integrated support element. Suitable for applications with high mechanical stress, especially for bending, tensile and torsional loads.

### Construction and technical data:

<b>Standard:</b>	EN 50525-2-21
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	extra fine stranded (better than cl. 5)
<b>Insulation:</b>	rubber (EPR) EI4
<b>Self-supporting element:</b>	Textile
<b>Sheathing material:</b>	polychloroprene
<b>Colour of outer sheath:</b>	black
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Max. temperature at conductor, °C:</b>	60 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +60 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-25 - +60 °C
<b>Bending radius, moving application:</b>	6 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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<b>Nominal voltage U<sub>o</sub>:</b>	450 V
<b>Nominal voltage U:</b>	750 V
<b>Test voltage:</b>	3 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Fzv [N]	Cu	G [kg]
053466	03G1	19.5	9.5	300	29	110
053467	05G1	19.5	11.3	300	48	160
053468	07G1	19.5	14.2	300	67.2	240
053469	20G1	19.5	21.8	600	192	620
053470	24G1	19.5	23.8	720	231	760

part no.	part name	RI [Ohm/km]	Ø [mm]	Fzv [N]	Cu	G [kg]
053471	36G1	19.5	27.7	1080	345	1060
053472	48G1	19.5	32	1440	461	1420
053473	03G1.5	13.3	10.3	300	43.2	130
053474	04G1.5	13.3	11.1	300	58	160
053475	10G1.5	13.3	19.3	450	144	460
053476	12G1.5	13.3	21.9	600	173	600
053477	15G1.5	13.3	25.3	870	216	870
053478	18G1.5	13.3	22.4	810	259.2	670
053479	24G1.5	13.3	25.6	1080	346	900
053480	42G1.5	13.3	32	1890	605	1470
053481	03G2.5	7.98	11.5	300	72	170
053482	07G2.5	7.98	18.3	525	168	420
053483	24G2.5	7.98	30.3	1800	576	1310

RI	Conductor resistance
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Cu	Copper weight (GER)
G	net weight per 1000