NGFLGöu-J



Application

Neoprene type of flat cables are used mainly as trailing cable for crane installations, floor conveyer systems and shelf control units. Suitable for dry, humid and wet rooms and for outdoor use.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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Standards

to DIN VDE 0250-809 VDE 0250-809:1985-05,
EN 60332-1-2, IEC 60332-1,
DIN EN 60332-1-2 VDE 0482-332-1-2:2017-06

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

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Construction

Inner Conductor	bare ore tinned copper, fine wire conductors = 25 mm² acc. to DIN VDE 0295 cl. 6 / IEC 60228 cl. 6 = 35 mm² acc. to DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	EPR rubber compound
Core Color	acc. to DIN VDE 0293 respectively HD 308 S2, 7 cores black with continuous white numbers printed
Outer Insulation Material	chlorinated rubber compound
Constant Against	oils and greases, petrol, water and weathering effects, oxygene and ozone, uv-radiation, hydrolysis, microbes

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Flachleitungen
Flat Cables Rubber/PVC/LSOH

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
Operating Temperature solid	-40 °C bis 60 °C
Operating Temperature moving	-25 °C bis 60 °C

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Flachleitungen
Flat Cables Rubber/PVC/LSOH

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00605001	6,2 x 17,5	4 x 1,5	black - black	200,0	
00605008	7,5 x 21,0	4 x 2,5	black - black	280,0	
00605014	9,0 x 26,0	4 x 4	black - black	410,0	
00605017	9,5 x 29,0	4 x 6	black - black	600,0	
00605020	11,0 x 33,0	4 x 10	black - black	800,0	
00605022	13,0 x 38,0	4 x 16	black - black	1.150,0	
00605025	15,0 x 49,5	4 x 25	black - black	1.700,0	
00605028	17,0 x 55,0	4 x 35	black - black	2.200,0	
00605030	19,0 x 63,0	4 x 50	black - black	3.000,0	
00605031	22,0 x 71,0	4 x 70	black - black	4.000,0	
00605032	25,0 x 80,0	4 x 95	black - black	5.300,0	
00605051	27,0 x 86,0	4 x 120	black - black	6.400,0	
00605002	6,2 x 21,5	5 x 1,5	black - black	240,0	
00605009	7,5 x 27,0	5 x 2,5	black - black	400,0	
00605016	9,0 x 32,0	5 x 4	black - black	560,0	
00605018	9,5 x 35,0	5 x 6	black - black	650,0	
00605043	11,0 x 44,0	5 x 10	black - black	1.000,0	
00605023	13,0 x 50,0	5 x 16	black - black	1.450,0	
00605026	16,0 x 60,0	5 x 25	black - black	2.200,0	
00605003	6,2 x 29,0	7 x 1,5	black - black	360,0	
00605010	7,5 x 35,0	7 x 2,5	black - black	520,0	
00605015	9,0 x 42,0	7 x 4	black - black	700,0	
00605019	9,5 x 42	7 x 6	black - black	850,0	
00605029	J	7 x 35	black - black	3.900,0	88,0

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Flat Cables Rubber/PVC/LSOH

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00605004	6,2 x 31,5	8 x 1,5	black - black	370,0	
00605011	7,5 x 39,0	8 x 2,5	black - black	550,0	
00605005	6,5 x 40,0	10 x 1,5	black - black	520,0	
00605052	8,1 x 47,9	10 x 2,5	black - black	680,0	
00605006	6,5 x 47,0	12 x 1,5	black - black	620,0	
00605012	8,0 x 56,0	12 x 2,5	black - black	800,0	
00605007	12,5 x 55,0	24 x 1,5	black - black	1.300,0	
00605013	16,0 x 68,0	24 x 2,5	black - black	1.850,0	

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