

# CABLE REELS

## FLEXIDRUM® NSHTÖU

ELETTROTEK KABEL® FLEXIDRUM® NSHTÖU



Suitable for reeling application



Suitable for festoon application

### Construction:

<b>Conductor:</b>	flexible tinned copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	rubber EPR compound, acc. to DIN VDE 0207
<b>Cores color:</b>	acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
<b>Stranding:</b>	in layers with short lay-length
<b>Wrapping:</b>	non-woven tape
<b>Inner sheath:</b>	rubber EPR type GM1B, acc. to DIN VDE 0207
<b>Supporting screen:</b>	anti-twisting protection of textile braid
<b>Outer sheath:</b>	black (similar to RAL 9005), rubber pcp compound

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2



**Oil resistance acc. to:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV
<b>Test voltage:</b>	4 kV
<b>Temperature range:</b>	-20°C up to +90°C
<b>Max. temperature on conductor:</b>	up to +90°C
<b>Max. temperature on short circuit:</b>	up to +250°C
<b>Min. bending radius:</b>	acc. to DIN VDE 0298 part 3
<b>Max speed (main application):</b>	120 m/min

### Features:

acc. to standard DIN VDE 0250 part 814

for SPEED and MINIMUM BENDING RADIUS  
see pages from 2 to 8 of catalogue

RoHS and CE approval



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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strenght N	AWG no.®)
01010G7L010M61	1x10	10,8	96	200	200	8
01010G7L010M62	1x16	11,9	154	260	320	6
01010G7L010M63	1x25	14,4	240	400	500	4
01010G7L010M64	1x35	16	336	520	700	2
01010G7L010M65	1x50	18	480	690	1000	0
01010G7L010M66	1x70	19,9	672	890	1400	2/0
01010G7L010M67	1x95	22,6	912	1170	1900	3/0
01010G7L010M68	1x120	24,2	1152	1430	2400	4/0
01010G7L010M69	1x150	27	1440	1770	3000	250 MCM
01010G7L010M70	1x185	29	1776	2110	3700	350 MCM
01010G7L010M71	1x240	32,5	2304	2730	4800	450 MCM
01010G72031M15	3G1,5	12,2	43	190	90	16
01010G72031M25	3G2,5	13,5	72	250	150	14
01010G72031M40	3G4	16,3	115	370	240	12
01010G72031M60	3G6	17,5	173	450	360	10
01010G72031M61	3G10	21,1	288	680	600	8
01010G72031M62	3G16	23,4	461	890	960	6
01010G72031M63	3G25	29,1	720	1200	1500	4
01010G72031M64	3G35	32,9	1008	1820	2100	2
01010G72031M65	3G50	38,8	1440	2550	3000	0
01010G72031M66	3G70	42,3	2016	3300	4200	2/0
01010G72031M67	3G95	48,7	2736	4350	5700	3/0
01010G72031M68	3G120	53,0	3456	5250	7200	4/0
01010G72031M69	3G150	57,7	4320	6370	9000	250 MCM
01010G72031M70	3G185	63,3	5328	8200	11100	350 MCM
01010G72031M71	3G240	71,4	6912	10150	14400	450 MCM
01010G72037M65	3x50 + 3G25/3	38,8	2160	2810	3000	0
01010G72037M66	3x70 + 3G35/3	42,3	3024	3750	4200	2/0
01010G72037M67	3x95 + 3G50/3	48,7	4176	4750	5700	3/0
01010G72037M68	3x120 + 3G70/3	53	5472	5950	7200	4/0
01010G72037M69	3x150 + 3G70/3	57,7	6336	7050	9000	250 MCM
01010G72037M70	3x185 + 3G95/3	63,3	8064	8800	11100	350 MCM
01010G72037M71	3x240 + 3G120/3	71,4	10368	11700	14400	450 MCM
01010G72037M72	3x300 + 3G150/3	74,9	12960	13200	18000	550 MCM
01010G72041M15	4G1,5	13,1	58	220	120	16
01010G72041M25	4G2,5	15,8	96	330	200	14
01010G72041M40	4G4	17,4	154	440	320	12
01010G72041M60	4G6	18,8	230	530	480	10
01010G72041M61	4G10	22,9	384	830	800	8
01010G72041M62	4G16	26,3	614	1170	1280	6
01010G72041M63	4G25	33,2	960	1830	2000	4
01010G72041M64	4G35	35,7	1344	2280	2800	2
01010G72041M65	4G50	42,2	1920	3220	4000	0
01010G72041M66	4G70	46,6	2688	4200	5600	2/0
01010G72041M67	4G95	53,2	3648	5530	7600	3/0
01010G72041M68	4G120	59,7	4608	7000	9600	4/0
01010G72041M69	4G150	65,1	5760	8450	12000	250 MCM
01010G72041M70	4G185	70,6	7104	10000	14800	350 MCM
01010G72041M71	4G240	78,4	9216	13350	19200	450 MCM
01010G72051M15	5G1,5	14,1	72	260	150	16
01010G72051M25	5G2,5	16,8	120	390	250	14
01010G72051M40	5G4	18,7	192	520	400	12
01010G72051M60	5G6	21,2	288	690	600	10
01010G72051M61	5G10	24,7	480	1000	1000	8
01010G72051M62	5G16	28,5	768	1400	1600	6
01010G72051M63	5G25	35,9	1200	2200	2500	4
01010G72051M64	5G35	40,2	1680	2950	3500	2
01010G72051M65	5G50	45,9	2400	3950	5000	0
01010G72051M66	5G70	52,5	3360	5450	7000	2/0
01010G72051M67	5G95	57,4	4560	6830	9500	3/0
01010G72048M61	4G10 + 4x2,5	26,7	480	1120	800	8
01010G72048M62	4G16 + 4x2,5	28,8	710	1420	1280	16
01010G72048M63	4G25 + 4x2,5	33,1	1056	1970	2000	16
01010G72048M64	4G35 + 4x2,5	35,3	1440	2420	2800	16
01010G72048M65	4G50 + 4x4	39,6	2073	3370	4000	0

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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strenght N	AWG no.*)
01010G70071M15	7G1,5	17,5	101	380	210	16
01010G70121M15	12G1,5	23,6	173	720	360	16
01010G70181M15	18G1,5	23,7	259	770	540	16
01010G70241M15	24G1,5	27,8	346	1000	720	16
01010G70301M15	30G1,5	31,2	432	1320	900	16
01010G70361M15	36G1,5	31,7	518	1350	1080	16
01010G70421M15	42G1,5	33,9	605	1550	1260	16
01010G70441M15	44G1,5	35,4	634	1700	1320	16
01010G70501M15	50G1,5	38,7	720	2000	1500	16
01010G70071M25	7G2,5	19,4	168	510	350	14
01010G70121M25	12G2,5	26,6	288	970	600	14
01010G70181M25	18G2,5	27,6	432	1100	900	14
01010G70241M25	24G2,5	32,6	576	1450	1200	14
01010G70271M25	27G2,5	34,2	648	1650	1350	14
01010G70301M25	30G2,5	36,7	720	1950	1500	14
01010G70361M25	36G2,5	37,2	864	2000	1800	14
01010G70370M25	37G2,5	38,6	888	2150	1850	14
01010G70420M25	42G2,5	39,8	1008	2300	2100	14
01010G70440M25	44G2,5	41,8	1056	2500	2200	14
01010G70500M25	50G2,5	45,4	1200	2950	2500	14
01010G70071M40	7G4	22,6	269	730	560	12
01010G70071M60	7G6	31,1	403	960	840	10
01010G70121M40	12G4	32,4	461	1360	960	12
01010G70181M40	18G4	32,35	691	1600	1440	12
01010G72049900	4G16+2x(4x1,5)	32,4	730	1550	1280	14
01010G72049911	4G25+7x1,5	36,8	1060	2330	2000	4
01010G72049912	4G25+3x(4x2,5)+1x(5x2,5)	49,7	1360	3800	-	4
01010G7203B924	3x95+2G50/2+24FO E9/125	51,8	3015	5350	-	3/0
01010G72035930	3x50+1G25+(4x2,5)+12FO 62,5/125	46,5	1665	3730	3000	0
01010G7203B931	3x70+2G35/2+12FO 62,5/125	45,6	2205	4030	4200	2/0

Other dimensions and colors available on request.