



Construction:

Conductor:	tinned copper, fine stranding class 5, VDE 0295
Insulation:	HEPR rubber, mixed compound 3GI3, DIN VDE 0207
Cores color:	colors according to DIN VDE 0293 part 308/HD 308 S2 Standard colors: - single core: black - 3+3 cores: brown, black, grey + 3 green yellow - 4 cores: green/yellow, brown, black, grey - 5 coes: green/yellow, blue, brown, black, grey - from 7 cores: black with printed numbers with G/Y
Stranding:	short lay-length for better flexibility
Wrapping:	tape
Inner sheath:	EPR mixed compound GM1b
Supporting screen:	anti-twisting protection of hightech yarns
Outer sheath:	BLACK PCP compound 5GM2

Outstanding features:

- ▶ ON request yellow version
 - ▶ VDE approved
 - ▶ UL types on request
 - ▶ possible use in festoon systems up to 240 m/min
- UV and chemical resistant
for SPEEDS and MINIMUM BENDING RADIUS
see pages 1,2,3/5,6 of catalogue

Technical data:

Temperature range	
Fixed installation:	- 45°C + 80°C
Flexible application:	- 35°C + 80°C
Nominal voltage:	0,6/1kV Max (1,2) kV
Test voltage:	3,5 kV
Max voltage permissible in C.C.:	0,9/1,8 kV
Conductor resistance:	as per VDE 0295 Class 5
Min. bending radius:	10 x d see MINIMUM BENDING RADIUS table
Insulation resistance:	> 20 MOhm x km
Tensile strength:	20 N/mm ²
Max speed:	180 m/min. Please inquire for higher speeds
Oil resistance:	as per DIN VDE 0472 part 803 and IEC standard
Applied standards:	VDE 0250 part 814



Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
07000161	1x10	10,5	96,0	200	200	8
07000162	1x16	11,7	153,0	265	320	6
07000163	1x25	13,3	240,0	370	500	4
07000164	1x35	15,0	336,0	505	700	2
07000165	1x50	17,2	480,0	650	1000	0
07000166	1x70	18,6	672,0	875	1400	2/0
07000167	1x95	21,0	912,0	1120	1900	3/0
07000168	1x120	24,0	1152,0	1440	2400	4/0
07000169	1x150	26,0	1440,0	1730	3000	250 MCM
07000170	1x185	27,7	1776,0	2070	3700	350 MCM
07000171	1x240	30,5	2304,0	2660	4800	450 MCM
07000315	3x1,5	13,0	43,2	255	68	16
07000325	3x2,5	14,5	72,0	310	113	14
07000340	3x4	16,0	115,0	395	240	12
07000360	3x6	18,2	172,0	525	360	10
07000361	3x10	21,3	288,0	765	600	8
07000362	3x16	24,6	460,0	1080	960	6
07000363	3x25	28,0	720,0	1470	1500	4
07000364	3x35	32,0	1008,0	2030	2100	2
07000365	3x50	37,0	1440,0	2680	3000	0
07000366	3x70	41,0	2016,0	3530	4200	2/0
07000367	3x95	45,5	2736,0	4400	5700	3/0
07000368	3x240	51,5	3456,0	5730	7200	4/0

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no.)*
07000369	3x150	57,5	4320,0	7040	9000	250 MCM
07000370	3x185	62,0	5328,0	8320	11100	350 MCM
07000371	3x240	70,0	6912,0	10850	14400	450 MCM
07009365	3x50 + 3x25/3	35,8	1680,0	2730	3000	0
07009366	3x70 + 3x35/3	41,2	2352,0	3740	4200	2/0
07009367	3x95 + 3x50/3	45,5	3216,0	4690	5700	3/0
07009368	3x120 + 3x70/3	51,7	4128,0	6220	7200	4/0
07009369	3x150 + 3x70/3	57,5	4992,0	7480	9020	250 MCM
07009370	3x185 + 3x95/3	62,0	6240,0	9020	11100	350 MCM
07009371	3x240 + 3 x120/3	69,8	8064,0	11760	14400	450 MCM
07009372	3x300 + 3 x150/3	72,5	9429,0	13946	21000	550 MCM
07000415	4x1,5	14,3	58,0	285	90	16
07000425	4x2,5	15,3	96,0	355	150	14
07000440	4x4	17,0	154,0	460	320	12
07000460	4x6	19,5	230,0	615	480	10
07000461	4x10	23,0	384,0	920	800	8
07000462	4x16	26,5	614,0	1310	1280	6
07000463	4x25	31,2	960,0	1860	2000	4
07000464	4x35	34,8	1344,0	2490	2800	2
07000465	4x50	40,0	1920,0	3300	4000	0
07000466	4x70	24,0	2688,0	4420	5600	2/0
07000467	4x95	50,8	3684,0	5610	7600	3/0
07000468	4x120	58,0	4608,0	7360	9600	4/0
07000469	4x150	63,2	5760,0	8770	12000	250 MCM
07000470	4x185	69,8	7100,0	10730	14800	350 MCM
07000471	4x240	76,2	9216,0	13560	19200	450 MCM
07000515	5x1,5	15,0	72,0	320	113	16
07000525	5x2,5	16,8	120,0	410	188	14
07000540	5x4	19,0	192,0	575	400	12
07000560	5x6	21,0	308,0	725	600	10
07000561	5x10	25,5	480,0	1140	1000	8
07000562	5x16	28,6	768,0	1550	1600	6
07000563	5x25	34,3	1200,0	2170	2500	4
07000564	5x35	38,5	1680,0	3080	3500	2
07000565	5x50	43,8	2400,0	4010	5000	0
07000566	5x70	50,2	3360,0	5480	7000	2/0
07000567	5x95	56,8	4560,0	7010	9500	3/0
07009461	4x10 + 4x2,5	24,3	480,0	1060	800	8
07009462	4x16 + 4x2,5	26,6	710,0	1360	1280	16
07009463	4x25 + 4x2,5	31,2	1056,0	1910	2000	16
07009464	4x35 + 4x2,5	34,5	1440,0	2530	2800	16
07009465	4x50 + 4x4	39,6	2073,0	3370	4000	0
07000715	7x1,5	16,8	101,0	415	158	16
07001215	12x1,5	20,1	173,0	585	270	16
07001815	18x1,5	22,7	259,0	765	405	6
07002415	24x1,5	26,7	346,0	1040	540	4
07003015	30x1,5	27,7	432,0	1140	675	2
07003615	36x1,5	30,2	518,0	1370	810	16
07000725	7x2,5	19,1	168,0	570	263	14
07001225	12x2,5	22,2	288,0	760	450	14
07001825	18x2,5	25,7	432,0	1070	675	14
07002425	24x2,5	30,2	576,0	1450	900	14
07003025	30x2,5	31,5	720,0	1600	1125	14
07003625	36x2,5	33,4	864,0	1850	1350	14
07000740	7x4	21,5	268,0	1850	420	12
07000761	7x6	26,3	429,0	960	630	10
07001240	12x4	26,0	460,0	1851	720	12
07001840	18x4	29,4	691,0	1852	1080	12
07009310	3x(2x1)C	22,0	-	670	90	18
07009315	3x(2x1,5)C	22,5	-	740	135	16
07009610	6x(2x1)C	28,0	-	1080	180	18
07009615	6x(2x1,5)C	29,3	-	1210	270	16
07009625	6x(2x2,5)C	32,1	-	1570	450	14
07009910	19x2,5 + 5x1(C)	32,2	556,0	1580	713	14
07009915	19x2,5 + 5x1,5(C)	33,7	-	1630	713	14
07009911	25x2,5 + 5x1(C)	34,2	700,0	1820	938	14
07009916	25x2,5 + 5x1,5(C)	34,2	-	1850	938	14
07009912	26x2,5 + 10x1(C)	37,8	-	2150	975	14
07009010	16x4+45x1(C)	46,0	1028,0	2808	2180	12

Other construction and sizes are available on request