



기술사항

- 제어용 케이블, 특수 PVC
DIN VDE 0245, 0281, part3 규격
- 도체저항 DIN VDE 0295 규격
- 온도범위
이송시 -5°C ~ +80°C
고정 설치시 -40°C ~ +80°C
- 정격전압 U₀/U 300/500V
- 시험전압 4,000V
- 절연파괴전압 최소 8000V
- 절연저항 최소 20 MOhm x km
- 상호 정전용량
0.5mm² ~ 2.5mm² 의 단면적에 준하여
core/core 150nF/km
core/screen 270nF/km
- 결합저항 최대 250 Ohm/km
- 최소 곡률 반경
이송시 10 x cable ø
고정 설치시 5 x cable ø
- 내 방사선 성능
up to 80 x 10⁶ cJ/kg(up to 80Mrad)

케이블 구조

- 미세나동 집합 연선도체, DIN VDE 0295 cl.5,
BS 6360 cl.5 와 IEC 60228 cl.5 규격
- 특수 PVC Z7225 코아 절연체
- 흑색 코아 피복에 백색 연속번호
DIN VDE 0293 규격
- 황-녹색 접지선
- 코아 최외곽 피복 코아 적층 연선
- 특수 PVC의 내부 쉬스
- 주석도금 구리 편조 실드, 실드율 약 85%
- 투명 특수 PVC 외부 쉬스

특징

- 내유성,내화학성 탁월
Technical Information table 참조
- 자체 소화성 및 난연성 PVC, DIN VDE 0482
part 265-2-1 / EN 50265-2-1 / IEC
60332-1 (DIN VDE 0472 part 804 검사법 B
적용)
- 사용 재료는 카드뮴, 실리콘등이 없는 무독성
소재로 락커의 습윤(濕潤)특성을 저해하는 물질
없음

용도

- 기계기류, 컴퓨터 시스템 등의 분야에서 데이터 및 제어용 케이블로, 전자분야에는 신호용 케이블로 적합한 고도의 실드율은 무잡음 신호전송 등을 보장함.
- 고밀도 실드로 신호를 잡음 없이 전송가능. PVC 내부 쉬스를 사용 기계적 장력을 높임. 투명 PVC 외부 쉬스를 사용하여 주석도금 구리 실드방선을 볼 수 있음.
- EMC = 전자기 간섭 차단성
주의 : EMC의 특성을 극대화하기 위해 양 끝단에서 구리 실드선을 한바퀴 넓게 감아서 접속할 것.
- CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
16200	2 x 0,5	6,9	32,0	67,0	20	16223	2 x 0,75	7,6	39,0	87,0	18
16201	3 G 0,5	7,2	39,0	83,0	20	16224	3 G 0,75	7,8	49,0	98,0	18
16202	4 G 0,5	7,8	46,0	94,0	20	16225	4 G 0,75	8,3	57,0	113,0	18
16203	5 G 0,5	8,3	52,0	108,0	20	16226	5 G 0,75	9,1	69,0	130,0	18
16204	6 G 0,5	9,0	66,0	125,0	20	16227	6 G 0,75	9,6	71,0	156,0	18
16205	7 G 0,5	9,5	68,0	136,0	20	16228	7 G 0,75	10,4	87,0	184,0	18
16206	8 G 0,5	10,2	80,0	150,0	20	16229	8 G 0,75	11,1	86,0	221,0	18
16207	10 G 0,5	11,2	81,0	170,0	20	16230	10 G 0,75	12,2	140,0	270,0	18
16208	12 G 0,5	11,3	117,0	195,0	20	16231	12 G 0,75	12,5	151,0	292,0	18
16209	14 G 0,5	11,9	122,0	223,0	20	16232	14 G 0,75	13,0	144,0	315,0	18
16210	16 G 0,5	12,6	123,0	250,0	20	16233	16 G 0,75	13,8	172,0	335,0	18
16211	18 G 0,5	13,1	156,0	277,0	20	16234	18 G 0,75	14,3	207,0	358,0	18
16212	20 G 0,5	13,8	173,0	310,0	20	16235	20 G 0,75	15,2	220,0	420,0	18
16315	21 G 0,5	14,5	189,0	331,0	20	16316	21 G 0,75	15,8	231,0	454,0	18
16213	24 G 0,5	15,2	236,0	390,0	20	16236	24 G 0,75	16,8	250,0	480,0	18
16214	25 G 0,5	15,7	250,0	407,0	20	16237	25 G 0,75	17,4	257,0	508,0	18
16215	30 G 0,5	16,0	297,0	520,0	20	16238	27 G 0,75	17,6	266,0	535,0	18
16216	32 G 0,5	16,9	301,0	550,0	20	16239	30 G 0,75	18,1	297,0	640,0	18
16217	36 G 0,5	17,4	320,0	585,0	20	16240	32 G 0,75	18,7	330,0	688,0	18
16218	40 G 0,5	18,9	343,0	654,0	20	16241	36 G 0,75	19,5	370,0	730,0	18
16453	41 G 0,5	19,0	348,0	671,0	20	16242	40 G 0,75	20,9	395,0	950,0	18
16219	50 G 0,5	20,9	407,0	740,0	20	16454	41 G 0,75	21,2	403,0	971,0	18
16220	61 G 0,5	22,9	415,0	850,0	20	16243	50 G 0,75	23,2	480,0	1100,0	18
16221	80 G 0,5	25,0	690,0	1080,0	20	16244	61 G 0,75	25,0	555,0	1290,0	18
16222	100 G 0,5	27,7	814,0	1350,0	20	16245	80 G 0,75	28,0	715,0	1510,0	18
						16246	100 G 0,75	30,6	910,0	1640,0	18

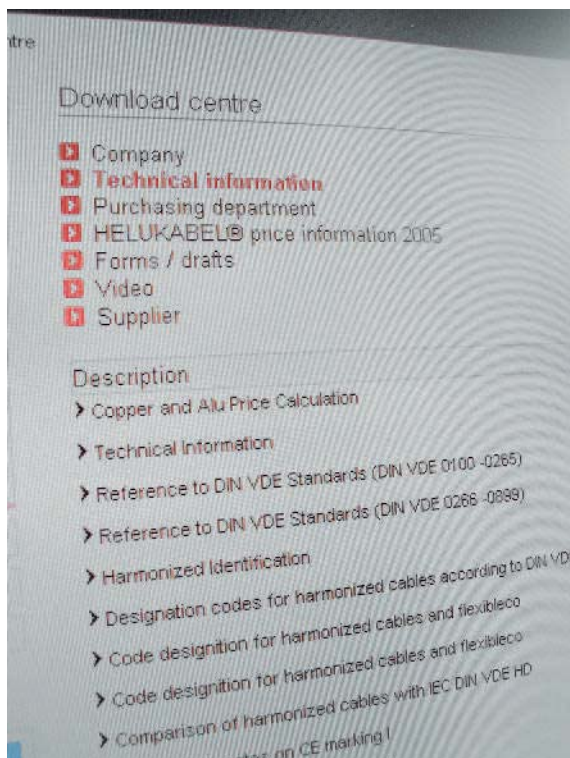
Dimensions and specifications may be changed without prior notice.

Continuation ▶

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
16248	2 x 1	7,9	46,0	97,0	17
16249	3 G 1	8,2	56,0	103,0	17
16250	4 G 1	8,9	69,0	146,0	17
16251	5 G 1	9,5	85,0	169,0	17
16252	6 G 1	10,2	112,0	199,0	17
16253	7 G 1	11,0	122,0	219,0	17
16254	8 G 1	11,6	130,0	270,0	17
16255	10 G 1	13,0	138,0	330,0	17
16256	12 G 1	13,1	186,0	350,0	17
16257	14 G 1	13,9	198,0	400,0	17
16258	16 G 1	14,5	203,0	422,0	17
16259	18 G 1	15,4	240,0	514,0	17
16260	20 G 1	16,0	286,0	545,0	17
16261	24 G 1	17,4	320,0	640,0	17
16262	25 G 1	18,3	342,0	689,0	17
16263	28 G 1	18,4	370,0	710,0	17
16264	30 G 1	18,8	395,0	762,0	17
16265	34 G 1	20,3	440,0	910,0	17
16266	40 G 1	21,8	510,0	1070,0	17
16455	41 G 1	22,1	519,0	1092,0	17
16267	50 G 1	24,0	626,0	1315,0	17
16268	61 G 1	26,2	710,0	1370,0	17
16269	80 G 1	29,3	940,0	1610,0	17
16270	100 G 1	33,0	1180,0	1840,0	17
16271	2 x 1,5	8,4	63,0	130,0	16
16272	3 G 1,5	9,0	76,0	152,0	16
16273	4 G 1,5	9,6	96,0	168,0	16
16274	5 G 1,5	10,5	111,0	202,0	16
16275	7 G 1,5	12,1	147,0	304,0	16
16276	8 G 1,5	13,0	172,0	336,0	16
16277	10 G 1,5	14,5	193,0	420,0	16
16278	12 G 1,5	14,9	254,0	434,0	16
16279	14 G 1,5	15,5	272,0	480,0	16
16280	16 G 1,5	16,4	285,0	525,0	16
16281	18 G 1,5	17,1	352,0	640,0	16
16282	20 G 1,5	18,0	367,0	690,0	16
16317	21 G 1,5	18,7	414,0	720,0	16
16283	24 G 1,5	19,8	448,0	770,0	16
16284	25 G 1,5	20,7	492,0	805,0	16
16285	28 G 1,5	21,1	525,0	900,0	16
16286	30 G 1,5	21,1	555,0	950,0	16
16287	35 G 1,5	22,7	645,0	1100,0	16
16288	40 G 1,5	24,4	730,0	1350,0	16
16456	41 G 1,5	24,8	744,0	1381,0	16
16289	50 G 1,5	26,8	977,0	1675,0	16
16290	61 G 1,5	29,6	1120,0	1800,0	16
16291	80 G 1,5	33,2	1360,0	2300,0	16
16292	100 G 1,5	36,4	1690,0	2600,0	16

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
16293	2 x 2,5	10,0	96,0	180,0	14
16294	3 G 2,5	10,7	148,0	216,0	14
16295	4 G 2,5	11,4	174,0	267,0	14
16296	5 G 2,5	12,5	200,0	347,0	14
16297	7 G 2,5	15,0	235,0	407,0	14
16298	10 G 2,5	17,9	335,0	660,0	14
16318	12 G 2,5	18,0	400,0	722,0	14
16299	2 x 4	11,6	135,0	302,0	12
16300	3 G 4	12,3	178,0	340,0	12
16301	4 G 4	13,4	220,0	410,0	12
16302	5 G 4	14,8	328,0	502,0	12
16303	7 G 4	16,2	355,0	638,0	12
16304	2 x 6	13,5	175,0	350,0	10
16305	3 G 6	14,2	240,0	450,0	10
16306	4 G 6	15,6	305,0	559,0	10
16307	5 G 6	17,0	441,0	702,0	10
16308	7 G 6	18,7	505,0	907,0	10
16309	2 x 10	16,8	265,0	500,0	8
16310	3 G 10	17,8	370,0	750,0	8
16311	4 G 10	19,7	485,0	1020,0	8
16312	5 G 10	21,6	610,0	1115,0	8
16313	7 G 10	24,0	820,0	1500,0	8
16460	4 G 16	22,6	1240,0	1380,0	6
16314	5 G 16	25,2	1390,0	1553,0	6
16461	4 G 25	28,9	1310,0	1890,0	4
16462	5 G 25	31,8	1840,0	2270,0	4
16463	4 G 35	32,2	1610,0	2390,0	2
16464	5 G 35	36,4	2015,0	2885,0	2
16465	4 G 50	38,2	2220,0	3315,0	1
16157	5 G 50	43,0	2880,0	4150,0	1
16466	4 G 70	46,8	3090,0	4600,0	2/0
16158	5 G 70	51,8	4032,0	5750,0	2/0
16467	4 G 95	51,0	4060,0	6060,0	3/0
16159	5 G 95	56,0	5244,0	7580,0	3/0
16468	4 G 120	56,0	5299,0	7315,0	4/0
16160	5 G 120	63,0	6624,0	9150,0	4/0
16167	4 G 150	63,5	6774,0	9680,0	300 kcmil
16168	5 G 150	69,5	8496,0	10170,0	300 kcmil

Dimensions and specifications may be changed without prior notice.



Our Service on the Internet:

Download-Centre

Here you will find interesting and informative documents in pdf form for download on the subjects of

- companies
- technical data
- public bidding forms
- current flyers/brochures, etc.

www.helukabel.de