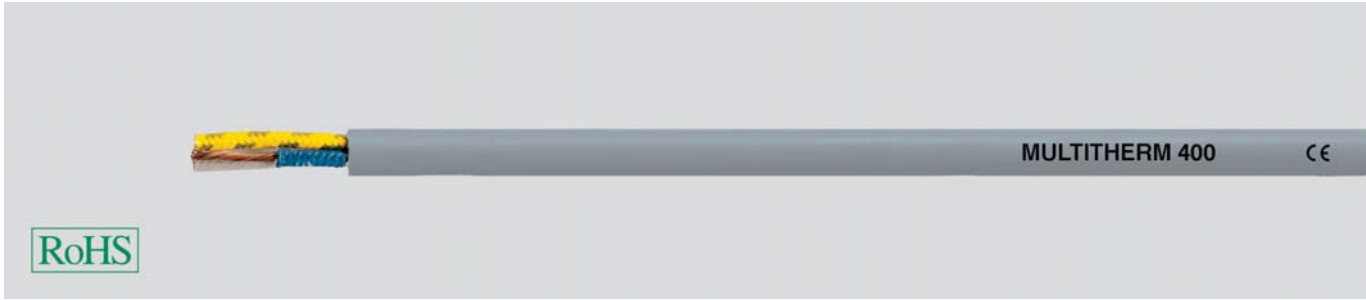


MULTITHERM® 400 halogen-free



기술사양

- 고 내열성 특수 구리-니켈 실리콘 절연형 케이블
- 온도범위
-60°C ~ +400°C
(순간 사용 시 +500°C 이하)
- 정격전압 500V
- 시험전압 2,500V
- 최소 곡률 반경
5 × cable ø

케이블 구조

- 구리선, 미세연선, 니켈도금(ASTM B 355)
- 실리콘 주입 유리섬유 연선 코아 절연체
- 실리콘 주입 유리섬유 연선 이차 코아 절연체
- overall lay up of cores
- 코아 표지(아래 색상코드 참조)
- 유리 또는 광물 섬유 연선 내부 쉬스
- 실리콘 주입 유리섬유 연선 외부 쉬스
- 회색 쉬스
- 색상코드
with earth core
3 = gn-ye/b/bn
4 = gn-ye/bk/b/bn
5 = gn-ye/bk/b/bn/wh
6 = gn-ye/bk/b/bn/wh/rd
7 = gn-ye/bk/b/bn/wh/rd/gy
without earth core
2 = b/bn
3 = bk/b/bn
4 = bk/b/bn/wh
5 = bk/b/bn/wh/rd
6 = bk/b/bn/wh/rd/gy/gn
7 = bk/b/bn/wh/rd/gy/gn

용도

- 무석면 및 무카드뮴
- HELUTHERM® 400-ES 케이블은 철강 작업, 압연기, 주물공장, 유리 및 세라믹 공장, 용광로 및 발전소 가설, 열가소성 성형처리 등의 특히 연속적이며 끊임없는 고온의 용도에 적합함.
- 본 특수 구조 케이블의 최대온도는 습한 환경에서 약 220°C, 건조한 환경에서 220°C 이상임.

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Maximum permissible current carrying capacity at +340°C (A)	Weight ca. kg / km	AWG-No.
51741	2 x 0,5	6,2	10,0	3,3	47,0	20
51742	3 x 0,5	6,4	15,0	3,1	50,0	20
51743	4 x 0,5	7,5	19,0	3,0	70,0	20
51744	5 x 0,5	8,0	25,0	2,9	81,0	20
51745	6 x 0,5	8,6	30,0	2,8	97,0	20
51746	7 x 0,5	8,7	34,0	2,7	105,0	20
51747	2 x 0,75	6,7	14,4	5,1	55,0	18
51748	3 x 0,75	7,0	21,6	5,1	66,0	18
51749	4 x 0,75	8,0	29,0	4,9	86,0	18
51750	5 x 0,75	8,8	36,0	4,7	103,0	18
51751	6 x 0,75	9,5	43,0	4,5	119,0	18
51752	7 x 0,75	9,7	50,0	4,4	130,0	18
51753	2 x 1	6,9	19,0	7,0	63,0	17
51754	3 x 1	7,8	29,0	6,7	82,0	17
51755	4 x 1	8,3	38,0	6,4	98,0	17
51756	5 x 1	9,1	48,0	6,2	119,0	17
51757	6 x 1	9,8	58,0	6,0	138,0	17
51758	7 x 1	10,0	67,0	5,8	150,0	17
51759	2 x 1,5	8,0	29,0	9,4	87,0	16
51760	3 x 1,5	8,3	43,0	9,0	103,0	16
51761	4 x 1,5	9,1	58,0	8,6	128,0	16
51762	5 x 1,5	10,0	72,0	8,3	150,0	16
51763	6 x 1,5	10,7	88,0	8,0	175,0	16
51764	7 x 1,5	11,0	101,0	7,8	190,0	16

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Maximum permissible current carrying capacity at +340°C (A)	Weight ca. kg / km	AWG-No.
51765	2 x 2,5	9,2	48,0	12,2	135,0	14
51766	3 x 2,5	9,7	72,0	11,6	153,0	14
51767	4 x 2,5	10,6	96,0	11,2	190,0	14
50060	5 x 2,5	11,8	120,0	10,8	230,0	14
50061	6 x 2,5	12,8	144,0	10,4	270,0	14
50062	7 x 2,5	13,0	168,0	10,1	295,0	14
50063	2 x 4	11,0	77,0	16,0	191,0	12
50064	3 x 4	11,4	115,0	15,3	224,0	12
50065	4 x 4	13,0	154,0	14,6	285,0	12
50066	5 x 4	14,5	192,0	14,1	360,0	12
50067	7 x 4	16,5	270,0	13,3	485,0	12
50068	3 x 6	14,2	173,0	20,0	340,0	10
50069	4 x 6	16,2	230,0	19,0	442,0	10
50070	5 x 6	17,7	288,0	18,0	535,0	10
50071	4 x 10	20,0	384,0	26,0	710,0	8
50072	4 x 16	24,5	615,0	34,0	990,0	6

Dimensions and specifications may be changed without prior notice.