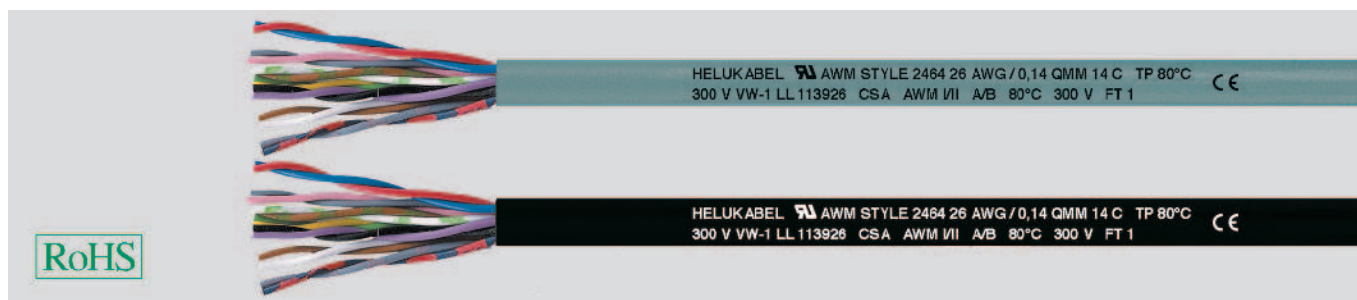


Command Cable UL (LiYY-TP) Style 2464/300V, 80°C



Technical data

- Special PVC command cable, approved to UL-Style 2464, cores according, UL-Style 1061/1729
- **Temperature range**
flexing -10°C to +80°C
fixed installation -20°C to +80°C
- **Nominal voltage** 300 V
- **Test voltage** 1500 V
- **Breakdown voltage**
min. 3000 V
- **Insulation resistance**
min. 100 MOhm x km
- **Minimum bending radius**
flexing approx. 15x cable Ø

Cable construction

- Tinned copper, fine wire conductors to ASTM-B 174-95 class J-M conductor make-up to
0,14 mm² = 7x0,162 mm
0,22 mm² = 7x0,202 mm
0,34 mm² = 7x0,254 mm
0,56 mm² = 7x0,32 mm
- Special PVC core insulation class 43, semirigid to UL-Std. 1581 table 50.182 and 50.183
- Colour coded to DIN 47100 with colour repetition from pair no. 23 and above or international colour code
- Cores stranded in pairs with optimal lay-length
- Pairs stranded in layers with optimal lay-length
- Separator-foil
- Special PVC outer jacket class 43 to UL-Std. 1581 table 50.182
- Outer jacket colour
black (international colour code)
grey (DIN 47100 / preferred type)

Properties

- PVC flame retardant according to UL VW-1
- **Conditionally resistant to**
Oil
Solvents
Acids
Lyes
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

Twisted pair control cable for use in tool making machinery conveyor system and production lines, in industrial plants and in air conditioning as well as in the steel producing industries.

CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Part No. grey	No.pairs x cross-sec. mm ²	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
83904	1 x 2 x 0,14	26	3,6	2,7	20,0
83905	2 x 2 x 0,14	26	5,1	5,4	24,0
83906	3 x 2 x 0,14	26	5,3	8,1	30,0
83907	4 x 2 x 0,14	26	5,8	10,8	38,0
83908	5 x 2 x 0,14	26	6,2	13,6	44,0
83909	6 x 2 x 0,14	26	6,8	16,2	51,0
83910	7 x 2 x 0,14	26	6,8	19,0	57,0
83911	8 x 2 x 0,14	26	7,3	21,7	64,0
83912	10 x 2 x 0,14	26	7,4	26,7	76,0
83913	12 x 2 x 0,14	26	9,1	32,6	93,0
83914	14 x 2 x 0,14	26	9,8	37,4	103,0
83915	15 x 2 x 0,14	26	10,6	40,7	109,0
83916	16 x 2 x 0,14	26	10,6	43,4	112,0
83917	18 x 2 x 0,14	26	11,1	48,5	119,0
83918	20 x 2 x 0,14	26	11,9	54,2	130,0
83919	22 x 2 x 0,14	26	12,4	59,3	150,0
83920	24 x 2 x 0,14	26	13,1	64,7	169,0
83921	25 x 2 x 0,14	26	13,4	67,2	178,0

83922	1 x 2 x 0,22	24	3,8	4,8	32,0
83923	2 x 2 x 0,22	24	4,0	9,7	36,0
83924	3 x 2 x 0,22	24	5,7	14,7	48,0
83925	4 x 2 x 0,22	24	6,0	19,6	56,0
83926	5 x 2 x 0,22	24	6,6	24,6	71,0
83927	6 x 2 x 0,22	24	7,2	29,3	80,0
83928	7 x 2 x 0,22	24	7,2	34,1	89,0
83929	8 x 2 x 0,22	24	7,8	39,1	98,0
83930	10 x 2 x 0,22	24	9,2	48,9	111,0
83931	12 x 2 x 0,22	24	9,7	59,4	135,0
83932	14 x 2 x 0,22	24	10,2	68,7	160,0
83933	15 x 2 x 0,22	24	10,9	73,7	171,0
83934	16 x 2 x 0,22	24	10,9	79,1	185,0
83935	18 x 2 x 0,22	24	11,5	88,9	209,0
83936	20 x 2 x 0,22	24	12,2	98,4	230,0
83937	22 x 2 x 0,22	24	13,0	108,6	248,0
83938	24 x 2 x 0,22	24	13,7	117,9	279,0
83939	25 x 2 x 0,22	24	14,2	123,5	292,0

Part No. grey	No.pairs x cross-sec. mm ²	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
83940	1 x 2 x 0,34	22	4,2	6,5	38,0
83941	2 x 2 x 0,34	22	5,9	13,0	44,0
83942	3 x 2 x 0,34	22	6,3	19,5	60,0
83943	4 x 2 x 0,34	22	7,0	26,1	79,0
83944	5 x 2 x 0,34	22	7,6	32,6	92,0
83945	6 x 2 x 0,34	22	8,2	39,2	119,0
83946	7 x 2 x 0,34	22	8,2	45,7	128,0
83947	8 x 2 x 0,34	22	9,0	52,3	139,0
83948	10 x 2 x 0,34	22	10,7	65,3	171,0
83949	12 x 2 x 0,34	22	11,3	78,4	194,0
83950	14 x 2 x 0,34	22	12,1	91,5	222,0
83951	15 x 2 x 0,34	22	12,7	97,8	231,0
83952	16 x 2 x 0,34	22	12,7	104,6	240,0
83953	18 x 2 x 0,34	22	13,6	117,8	264,0
83954	20 x 2 x 0,34	22	14,4	130,7	291,0
83955	22 x 2 x 0,34	22	15,1	143,6	300,0
83956	24 x 2 x 0,34	22	16,2	156,8	359,0
83957	25 x 2 x 0,34	22	16,7	163,3	381,0

83958	1 x 2 x 0,56	20	4,6	10,8	60,0
83959	2 x 2 x 0,56	20	6,5	21,5	80,0
83960	3 x 2 x 0,56	20	7,1	32,3	94,0
83961	4 x 2 x 0,56	20	7,8	43,1	104,0
83962	5 x 2 x 0,56	20	8,6	53,8	130,0
83963	6 x 2 x 0,56	20	9,6	64,6	151,0
83964	7 x 2 x 0,56	20	9,6	75,3	174,0
83965	8 x 2 x 0,56	20	12,1	86,1	262,0
83966	10 x 2 x 0,56	20	12,5	107,7	298,0
83967	12 x 2 x 0,56	20	13,1	129,1	302,0
83968	14 x 2 x 0,56	20	13,8	150,6	327,0
83969	15 x 2 x 0,56	20	14,7	161,3	370,0
83970	16 x 2 x 0,56	20	14,7	172,1	402,0
83971	18 x 2 x 0,56	20	15,7	193,6	480,0
83972	20 x 2 x 0,56	20	16,7	215,1	551,0
83973	22 x 2 x 0,56	20	17,2	236,6	621,0
83974	24 x 2 x 0,56	20	18,6	258,0	703,0
83975	25 x 2 x 0,56	20	19,2	268,9	721,0

Dimensions and specifications may be changed without prior notice.

Continuation ►