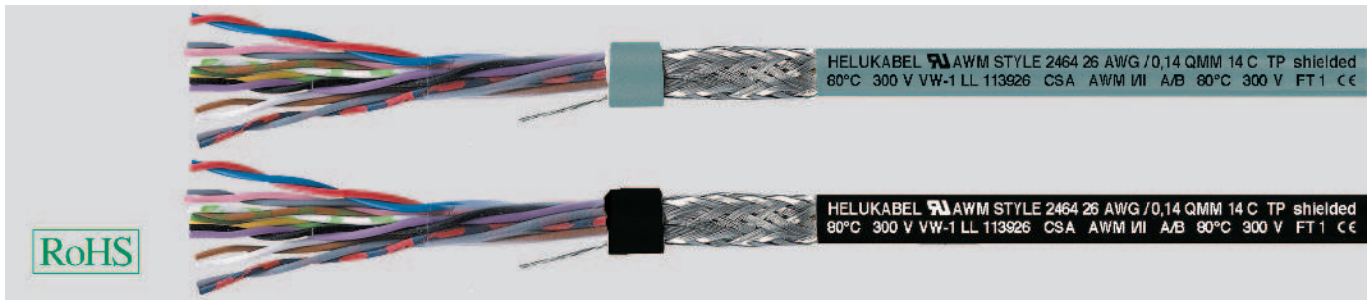


Command Cable UL (LiYCY-TP) Style 2464/300 V, 80°C,

EMC-preferred type



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. 20x cable Ø
- **Coupling resistance**
max. 250 Ohm/km

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. 22 and above or international colour code
- Cores stranded in pairs with optimal lay-length
- Pairs stranded in layers with optimal lay-length
- Separator-foil
- Drain wire
- Tinned copper wire braiding, approx. 85% coverage
- 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 from stock)

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.

EMC = Electromagnetic compatibility

To optimise the EMC features we recommend a large round contact of the copper braiding on both ends.

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

Part No. grey	Part No. black	No. pairs x cross-sec. mm ²	AWG-no.	Outer ø ca. mm	Cop. weight kg/km	Weight ca. kg/km
83774	65314	1 x 2 x 0,14	26	4,0	15,7	32,0
83775	65315	2 x 2 x 0,14	26	5,6	19,5	39,0
83776	65316	3 x 2 x 0,14	26	5,8	23,7	47,0
83777	65317	4 x 2 x 0,14	26	6,3	26,9	55,0
83778	65318	5 x 2 x 0,14	26	6,7	31,2	68,0
83779	65319	6 x 2 x 0,14	26	7,3	49,7	86,0
83780	65320	7 x 2 x 0,14	26	7,3	52,0	92,0
83781	65321	8 x 2 x 0,14	26	7,8	53,9	97,0
83782	65322	10 x 2 x 0,14	26	9,1	59,6	111,0
83783	65323	12 x 2 x 0,14	26	9,8	67,1	141,0
83784	65324	14 x 2 x 0,14	26	10,5	75,2	150,0
83785	65325	15 x 2 x 0,14	26	11,1	77,3	154,0
83786	65326	16 x 2 x 0,14	26	11,1	80,4	155,0
83787	65327	18 x 2 x 0,14	26	11,8	84,2	170,0
83788	65328	20 x 2 x 0,14	26	12,4	98,2	183,0
83789	65329	22 x 2 x 0,14	26	13,1	104,1	207,0
83790	65330	24 x 2 x 0,14	26	13,6	112,0	228,0
83791	65331	25 x 2 x 0,14	26	15,1	114,4	239,0

Part No. grey	Part No. black	No. pairs x cross-sec. mm ²	AWG-no.	Outer ø ca. mm	Cop. weight kg/km	Weight ca. kg/km
83792	65332	1 x 2 x 0,22	24	4,2	16,4	46,0
83793	65333	2 x 2 x 0,22	24	5,9	27,4	53,0
83794	65334	3 x 2 x 0,22	24	6,2	31,7	65,0
83795	65335	4 x 2 x 0,22	24	6,7	37,4	79,0
83796	65336	5 x 2 x 0,22	24	7,2	54,7	98,0
83797	65337	6 x 2 x 0,22	24	7,7	65,6	114,0
83798	65338	7 x 2 x 0,22	24	7,7	60,2	121,0
83799	65339	8 x 2 x 0,22	24	8,4	74,1	129,0
83800	65340	10 x 2 x 0,22	24	9,9	109,3	152,0
83801	65341	12 x 2 x 0,22	24	10,2	115,8	189,0
83802	65342	14 x 2 x 0,22	24	10,9	120,7	213,0
83803	65343	15 x 2 x 0,22	24	11,4	132,4	225,0
83804	65344	16 x 2 x 0,22	24	11,4	141,6	227,0
83805	65345	18 x 2 x 0,22	24	12,2	146,6	238,0
83806	65346	20 x 2 x 0,22	24	12,7	160,6	270,0
83807	65347	22 x 2 x 0,22	24	13,5	170,8	300,0
83808	65348	24 x 2 x 0,22	24	14,5	229,7	321,0
83809	65349	25 x 2 x 0,22	24	14,8	231,4	340,0

Dimensions and specifications may be changed without prior notice.

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