

# Command Cable UL (LiYY) 600V, Style 2516/600 V, (105°C)



## Technical data

- Special PVC command cable, approved to UL-Style 2516
- **Temperature range**  
flexing -10 °C to +105 °C  
fixed installation -20 °C to +105 °C
- **Nominal voltage** 600 V
- **Test voltage** 2000 V
- **Breakdown voltage**  
min. 4000 V
- **Minimum bending radius**  
fixed approx. 7,5 cable ø  
flexing approx. 15 cable ø

## Cable structure

- Tinned copper, fine wire conductors to ASTM-B 174, class J-K  
Conductor make-up to:  
2,08 mm<sup>2</sup> = 41x0,254 mm  
3,20 mm<sup>2</sup> = 65x0,254 mm
- Special PVC core insulation class 43 to UL-Std. 1581 table 50.182 (105 °C)
- Colour coded to DIN 47100 or international colour code
- Cores stranded in layers with optimal lay-length
- Special PVC outer jacket class 43 to UL-Std. 1581 table 50.182 (105 °C)
- Outer jacket colour  
black (international colour code)  
grey (DIN 47100 / preferred type from stock)

## Properties

- PVC flame retardant according to UL VW-1/CSA FT1
- **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 mm<sup>2</sup>.
- **screened analogue type:**  
**Command Cable UL (LIICY),**  
see page N 69

## Application

Suitable for use as a command, measuring and control cable 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 2006/95/EG.

Part no. Jacket colour grey	Part no. Jacket colour black	No. cores x cross-sec. mm <sup>2</sup>	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
83233	83624	2 x 2,08	14	8,4	39,6	120,0
83234	83625	3 x 2,08	14	8,9	59,6	150,0
83235	83626	4 x 2,08	14	9,6	79,2	190,0
83236	83627	6 x 2,08	14	11,4	119,0	300,0
83237	83628	10 x 2,08	14	15,1	198,4	450,0
83238	83629	12 x 2,08	14	15,6	238,7	500,0
83239	83630	16 x 2,08	14	17,2	319,0	700,0
83240	83631	18 x 2,08	14	18,3	358,4	750,0
83241	83632	24 x 2,08	14	21,5	478,4	900,0
83242	83633	27 x 2,08	14	22,7	538,1	1100,0
83243	83634	30 x 2,08	14	23,5	598,4	1150,0
83244	83635	36 x 2,08	14	25,4	717,2	1800,0

Part no. Jacket colour grey	Part no. Jacket colour black	No. cores x cross-sec. mm <sup>2</sup>	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
83245	83636	2 x 3,2	12	9,3	61,0	150,0
83246	83637	3 x 3,2	12	9,8	91,4	210,0
83247	83638	4 x 3,2	12	10,8	121,6	300,0
83248	83639	6 x 3,2	12	12,8	183,7	450,0
83249	83640	10 x 3,2	12	17,0	305,9	500,0
83250	83641	12 x 3,2	12	17,5	367,6	700,0
83251	83642	16 x 3,2	12	19,8	490,9	810,0
83252	83643	18 x 3,2	12	21,0	551,7	970,0
83253	83644	24 x 3,2	12	24,8	736,4	1200,0

Dimensions and specifications may be changed without prior notice. (RN02)