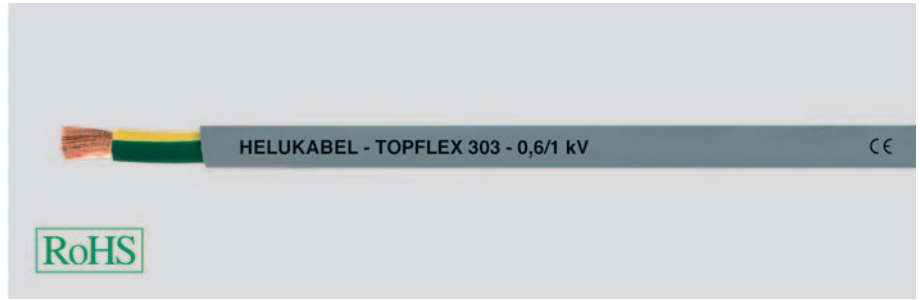
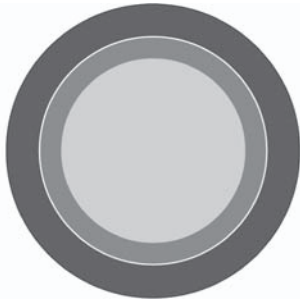


TOPFLEX® 303 X07V-K-YÖ double insulation 0,6/1kV flexible PVC single core, oil resistant



Technical data

- Special PVC single-core cable with double insulation and oil-resistant sheath
- **Temperature range**
flexing -5°C to +80°C
fixed installation -40°C to +80°C
- **Nominal voltage** U_0/U 600/1000 V
- **A.C. test voltage**, 50 Hz
3000 V
- **Insulation resistance**
min. 20 MΩ/km
- **Minimum bending radius**
flexing 12x cable Ø

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of special PVC
- Core identification BK or GN-YE
- Outer sheath of special PVC compound type TM5 to DIN VDE 0207-363-4-1/ DIN EN 50363-4-1
- Sheath colour grey

Properties

- Largely resistant to oil, weather, and chemicals; Chemical resistance (see table Technical Information)
- Improved mechanical protection due the double insulation

Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

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

Application

This cable is used for conditions of increased mechanical stress. For flexible use with free movement without tensile stress or forced movements in dry, moist and wet environments, but not suitable for use outdoors. The cable may be laid in trays, troughs and channels.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

core-/sheath-color black/grey

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
75460	1 x 6	6,0	58,0	84,0	10
75461	1 x 10	9,5	96,0	143,0	8
75462	1 x 16	10,3	154,0	209,0	6
75463	1 x 25	11,1	240,0	308,0	4
75464	1 x 35	15,0	336,0	440,0	2
75465	1 x 50	17,5	480,0	572,0	1
75466	1 x 70	20,0	672,0	792,0	2/0
75467	1 x 95	22,0	912,0	1155,0	3/0
72184	1 x 120	23,5	1152,0	1267,0	4/0
72185	1 x 150	26,5	1440,0	1650,0	300 kcmil
75468	1 x 185	29,0	1776,0	2134,0	350 kcmil
74221	1 x 240	31,0	2304,0	2943,0	500 kcmil
72082	1 x 300	35,0	2880,0	3600,0	600 kcmil

core-/sheath-color green-yellow/grey

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
75449	1 G 6	6,0	57,6	84,0	10
75469	1 G 10	9,5	96,0	143,0	8
73859	1 G 16	10,3	154,0	209,0	6
75470	1 G 25	11,1	240,0	325,0	4
75471	1 G 35	15,0	336,0	440,0	2
75472	1 G 50	17,5	480,0	572,0	1
75473	1 G 70	20,0	672,0	792,0	2/0
75474	1 G 95	22,0	912,0	1155,0	3/0
75475	1 G 120	23,5	1152,0	1267,0	4/0
75476	1 G 150	26,5	1440,0	1650,0	300 kcmil
75477	1 G 185	29,0	1776,0	2134,0	350 kcmil
75478	1 G 240	31,0	2304,0	2943,0	500 kcmil
75479	1 G 300	35,0	2280,0	3600,0	600 kcmil

Dimensions and specifications may be changed without prior notice.



Suitable accessories can be found in Chapter X.

- Core end sleeve - ADI
- Core end sleeve - ADU