



Multiflex® CY - 1,00 mm²

Highly flexible screened drag chain cable with PVC outer sheath; preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu conductor, extra-fine wire
- Strand structure to VDE 0295, class 6 / IEC 60228 class 6
- Core insulation: special PVC
- Black cores with printed consecutive white number coding
- Green-yellow protective conductor (3 cores and over) in the outer layer
- Cores twisted in layers, with optimal lay lengths
- Inner jacket: special PVC
- Braided screening made of tinned copper wires
- Fabric lapping
- Outer sheath: special PVC
- Sheath colour: RAL 7001 grey

Technical Data

- Rated voltage U₀/U: 300/500 V
- Test voltage: 2000 V
- Insulation resistance at +20°C: ≥ 20 Mohm x km
- Bending radius: 10 x cable diameter
- Temperature range:
 - flexible -5°C to +70°C
 - stationary -30°C to +70°C

Properties

- Flame retardant to IEC 60332-1

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 1,0 0Z	61,0	7,7	133,0	2970200100
3 x 1,0	71,0	8,2	153,0	2970300100
4 x 1,0	90,0	8,8	185,0	2970400100
5 x 1,0	104,0	9,3	211,0	2970500100
7 x 1,0	136,0	11,2	286,0	2970700100
12 x 1,0	219,0	13,0	414,0	2971200100
18 x 1,0	304,0	15,9	593,0	2971800100
20 x 1,0	326,0	16,5	641,0	2972000100

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
25 x 1,0	383,0	19,2	797,0	2972500100

- Further formats available on request
- All data and products subject to change