



Multiflex® CY - 0,50 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: 2.000 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 0,5 0Z	48,0	6,9	112,0	2970200500
3 x 0,5	56,0	7,3	127,0	2970300500
4 x 0,5	66,0	7,9	148,0	2970400500
5 x 0,5	75,0	8,4	167,0	2970500500
7 x 0,5	90,0	9,8	210,0	2970700500
12 x 0,5	127,0	11,5	301,0	2971200500
18 x 0,5	191,0	13,5	410,0	2971800500
20 x 0,5	204,0	14,8	475,0	2972000500

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
25 x 0,5	254,0	16,2	567,0	2972500500

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