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BIC ABNANL2A  
Postbank 233083  
K.v.K. Leiden nr. 28058530



## multi-conductor cable HIGHFLEX CY-O and CY



**Application** : **Highly flexible cable. Due to its special construction perfect for use in cable chains. Braided to avoid Electromagnetic Interference (EMI).**

**TECHNICAL DATA** : **TYPE HIGHFLEX CY-O and CY**

Construction of conductor : Highly flexible, finely stranded bare copper, according to VDE 0295/6.

Insulation of conductor : PVC according to VDE 0281/1.

Wrapping : a highly elastic fibre core to protect the conductors.

Coding of conductors : **type CY-O:** colour coding according to DIN 47100.

**type CY:** 2 conductors: black, numbered.

3 conductors and more: 1 conductor yellow/green in outer layer, other conductors black, numbered.

Braiding : Tinned copper braiding.

Outer jacket : PVC according to VDE 0281/1.  
Petrol and oil resistant. Flame retardant.

Colour of outer jacket : PVC grey, RAL 7001.

Bend radius : 12 x outer diameter

Temperature range : Flexing: -5°C tot +70°C.

Static: -30°C tot +70°C.

Insulation resistance : Min 20 M. Ohm/km.

Test voltage : Depending on conductor size 2000/2500 Volt.

Voltage rating : Depending on conductor size 300/500 Volt.

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## HIGHFLEX CY-O

Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm	Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
0159495	7 x 0,14		6,7	0159203	3 x 0,34		6,5
				0159207	7 x 0,34		8,3
0159498	2 x 0,25		5,7				
0159499	8 x 0,25		8,9				

## HIGHFLEX CY

Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm	Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
0159500	2 x 0,5		7,0	0159515	2 x 0,75		7,4
0159501	3 x 0,5		7,3	0159516	3 x 0,75		7,8
0159502	4 x 0,5		7,9	0159517	4 x 0,75		8,5
0159503	5 x 0,5		8,5	0159518	5 x 0,75		9,1
0159504	7 x 0,5		9,9	0159519	7 x 0,75		10,8
0159505	12 x 0,5		11,3	0159520	12 x 0,75		12,4
0159506	18 x 0,5		13,5	0159521	18 x 0,75		15,0
0159530	2 x 1		7,8	0159550	2 x 1,5		8,5
0159531	3 x 1		8,2	0159551	3 x 1,5		9,0
0159532	4 x 1		8,9	0159552	4 x 1,5		9,9
0159533	5 x 1		9,9	0159553	5 x 1,5		11,0
0159534	7 x 1		11,5	0159554	7 x 1,5		12,8
0159535	12 x 1		13,4	0159560	8 x 1,5		14,0
0159536	18 x 1		16,2	0159555	12 x 1,5		15,1
0159537	25 x 1		18,7	0159556	18 x 1,5		17,9
				0159557	25 x 1,5		21,1
0159565	3 x 2,5		10,8				
0159566	4 x 2,5		11,9				