

## multi-conductor cable PUR-PBT-CY-HIGHFLEX

*Heavy duty cable, cold resistant, highly flexible, shielded*



**Application** : **highly flexible cable. Because of its special construction perfect for use in cable chains.**

**TECHNICAL DATA** : **TYPE PUR-PBT-CY-HIGHFLEX**

Construction of conductor (1) : Highly flexible, finely stranded bare copper, according to VDE 0295/6.

Insulation of conductor (2) : PBT thermoplastic polyester.

Coding of conductor : 2 conductors: black numbered,  
3 conductors and more: 1 conductor yellow/green in the  
outer layer, other conductors black, numbered.

Wrapping + braiding (3) : Polyester fleece + tinned copper braiding.

Outer jacket (4) : Polyurethane, according to VDE 0282/10,  
non adhesive, free of halogen.

Colour of outer jacket : Black.

Bend radius : 10 x outer diameter.

Temperature range : Flexing: -30°C tot +90°C.  
Static: -50°C tot +90°C.

Max. temperature of conductor short: +120°C.

Insulation resistance : Min. 100 M. Ohm/km.

Test voltage : 2000 Volt.

Voltage rating : 300/500 Volt.

Special features : Very good oil and petrol resistance.  
Free of halogen and flame retardant according to  
VDE 0482 T. 265-2-1.

*Mounting instructions for this cable see page 9.10*

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## PUR-PBT-CY-HIGHFLEX

Art.no.	cores x gage mm <sup>2</sup>	outer diameter +/- 0,4 mm
0151095	12 x 0,5	8,5
0151045	4 x 0,75	6,2
0151086	25 x 0,75	13,1
0151099	4 x 1,5	7,7
0151069	7 x 1,5	10,4
0151100	12 x 1,5	12,0
0151074	18 x 1,5	13,9
0151055	3 x 2,5	8,7

## PUR-PBT-CKY-HIGHFLEX

Art.no.	cores x gage mm <sup>2</sup>	outer diameter +/- 0,4 mm
0151070	4 x 2 x 0,75	8,2

These next items are also available from stock, construction deviating from PUR-PBT-CY. Datasheet available on request.

0151102	2 x 2 x 0,25 orange	6,0
0151103	3 x 2 x 0,25 orange	6,4
0151104	4 x 2 x 0,25 orange	7,3
0151106	6 x 2 x 0,25 grey	8,1