

# POLYAMIDE PA6.6 INSULATED END SLEEVES PKC

## *for flexible copper cables*

The PKC ranges of end sleeves are manufactured from tin plated electrolytic copper.  
Designed and developed to reinforce the fine wire strands, when terminating a cable into a connector block.



## Technical details

The connectors are manufactured from Copper Cu DHP UNI 5649/1988  
(corresponding to: SF-Cu DIN 1787/1973 Cu/b1 NF A 51-050)

Tin plated with a minimum thickness of 3µm.

Main characteristics of the PA6 sleeves:

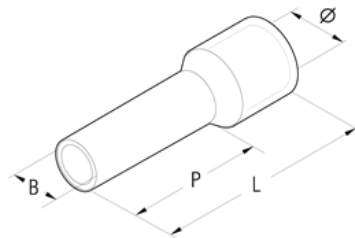
- >DIELECTRIC STRENGTH (KV/mm) : >16,5
- >VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) :  $>10^{13}$
- >MAX OPERATING TEMPERATURE ( $^{\circ}\text{C}$ ) : 115-130
- >FLAMMABILITY (UL94) : V2
- >DENSITY ( $\text{g}/\text{cm}^3$ ) : 1,14
- >WATER ABSORPTION (%) : 1,5
- >BREAKING LOAD ( $\text{N}/\text{mm}^2$ ) : 77

The connectors can be stored at a minimum temperature not below - 40°C.

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## *Technical characteristics*

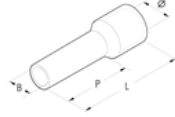
Halogen Free	yes
Min operating temperature range	-20 °C
Max operating temperature range	115 °C
Max operating temperature range (surge)	130 °C
Material (Body)	ETP Copper electrolytically tinned
Material (Partially reinforced)	Polyamide PA6



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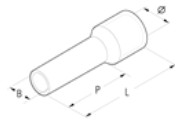
## List of products

### PKC Cable type: flexible copper, Maximum section: 0.75 mm<sup>2</sup>



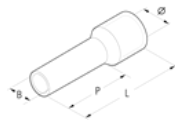
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC7508	White	2.8 mm	1.6 mm	8 mm	14 mm	10,000	500
PKC7512	White	2.8 mm	1.6 mm	12 mm	18 mm	10,000	500

### PKC Cable type: flexible copper, Maximum section: 1 mm<sup>2</sup>



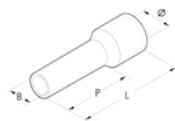
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC108	Yellow	3 mm	1.8 mm	8 mm	18.4 mm	10,000	500
PKC112	Yellow	3 mm	1.8 mm	12 mm	18 mm	10,000	500

### PKC Cable type: flexible copper, Maximum section: 1.5 mm<sup>2</sup>

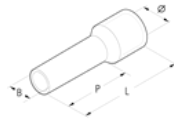


Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC1508	Red	3.5 mm	2.1 mm	8 mm	14 mm	5,000	500
PKC1510	Red	3.5 mm	2.1 mm	10 mm	16 mm	5,000	500
PKC1518	Red	3.5 mm	2.1 mm	18 mm	24 mm	5,000	500

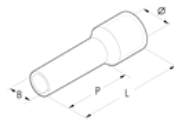
### PKC Cable type: flexible copper, Maximum section: 1.5 mm<sup>2</sup>



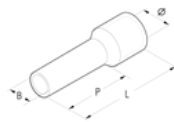
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC1508	Red	3.5 mm	2.1 mm	8 mm	14 mm	5,000	500
PKC1510	Red	3.5 mm	2.1 mm	10 mm	16 mm	5,000	500

**PKC** Cable type: flexible copper, Maximum section: 2.5 mm<sup>2</sup>


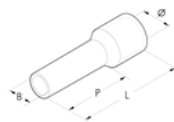
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC2508	Blue	4.2 mm	2.6 mm	8 mm	14 mm	5,000	500
PKC2512	Blue	4.2 mm	2.6 mm	12 mm	18 mm	5,000	500
PKC2518	Blue	4.2 mm	2.6 mm	18 mm	24 mm	5,000	500

**PKC** Cable type: flexible copper, Maximum section: 4 mm<sup>2</sup>


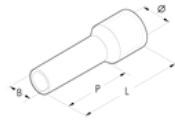
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC410	Grey	4.8 mm	3.3 mm	10 mm	18 mm	3,000	200
PKC412	Grey	4.8 mm	3.3 mm	12 mm	20 mm	3,000	200
PKC418	Grey	4.8 mm	3.3 mm	18 mm	26 mm	3,000	200

**PKC** Cable type: flexible copper, Maximum section: 6 mm<sup>2</sup>


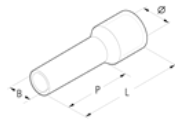
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC612	Black	5.8 mm	3.9 mm	12 mm	20 mm	1,500	100
PKC618	Black	5.8 mm	3.9 mm	18 mm	26 mm	2,000	100

**PKC** Cable type: flexible copper, Maximum section: 10 mm<sup>2</sup>


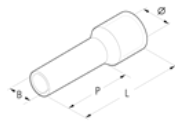
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC1012	Ivory	7.4 mm	4.9 mm	12 mm	22 mm	1,000	100
PKC1018	Ivory	7.4 mm	4.9 mm	18 mm	28 mm	1,000	100

**PKC** Cable type: flexible copper, Maximum section: 16 mm<sup>2</sup>


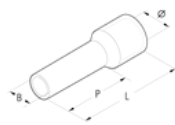
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC1612	Green	8.8 mm	6.2 mm	12 mm	23 mm	800	100
PKC1618	Green	8.8 mm	6.2 mm	18 mm	29 mm	1,000	100

**PKC** Cable type: flexible copper, Maximum section: 25 mm<sup>2</sup>


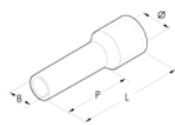
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC25016	Brown	10 mm	7.9 mm	16 mm	30 mm	500	50
PKC25022	Brown	10 mm	7.9 mm	22 mm	36 mm	500	50

**PKC** Cable type: flexible copper, Maximum section: 35 mm<sup>2</sup>


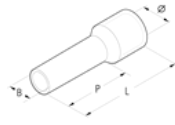
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC35016	Hazel	12 mm	8.9 mm	16 mm	30 mm	400	50
PKC35025	Hazel	12 mm	8.9 mm	25 mm	39 mm	300	50

**PKC** Cable type: flexible copper, Maximum section: 50 mm<sup>2</sup>


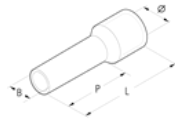
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC50020	Dark Green	15 mm	11 mm	20 mm	36 mm	200	50
PKC50025	Dark Green	15 mm	11 mm	25 mm	41 mm	250	50

**PKC** Cable type: flexible copper, Maximum section: 70 mm<sup>2</sup>


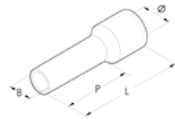
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC70022	Yellow	16 mm	14.3 mm	22 mm	38 mm	100	25

**PKC** Cable type: flexible copper, Maximum section: 95 mm<sup>2</sup>


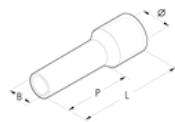
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC95025	Red	18 mm	15.7 mm	25 mm	44 mm	100	25

**PKC** Cable type: flexible copper, Maximum section: 120 mm<sup>2</sup>


Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC120027	Blue	21 mm	17.5 mm	27 mm	48 mm	100	25

**PKC** Cable type: flexible copper, Minimum section: 0.1 mm<sup>2</sup>, Maximum section: 0.3 mm<sup>2</sup>


Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC306	Sky-Blue	1.9 mm	1.1 mm	6 mm	10 mm	20,000	500
PKC308	Sky-Blue	1.9 mm	1.1 mm	8 mm	12 mm	20,000	500

**PKC** Cable type: flexible copper, Minimum section: 0.3 mm<sup>2</sup>, Maximum section: 0.5 mm<sup>2</sup>


Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty
PKC508	Orange	2.6 mm	1.3 mm	8 mm	14 mm	10,000	500
PKC510	Orange	2.6 mm	1.3 mm	10 mm	16 mm	10,000	500