

# PA6 INSULATED END SLEEVES PKD

*for flexible copper cables*

The PKD 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 (°C) : 115-130
- >FLAMMABILITY (UL94) : V2
- >DENSITY ( $\text{g/cm}^3$ ) : 1,14
- >WATER ABSORPTION (%) : 1,5
- >BREAKING LOAD ( $\text{N/mm}^2$ ) : 77

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

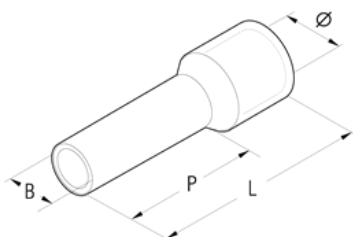
CERTIFICATES 

 According to UL 486A standard (file E481745)

## PA6 INSULATED END SLEEVES PKD

### *Technical characteristics*

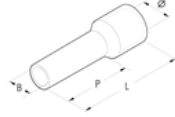
Halogen Free	yes
Min operating temperature range	-20 °C
Max operating temperature range	115 °C
Max operating temperature range (surge)	130 °C
Material (Body)	ETP Copper electrolytically tinned
Material (Partially reinforced)	Polyamide PA6



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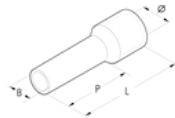
## List of products

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



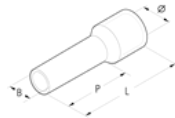
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD7506	Grey	2.8 mm	1.6 mm	6 mm	12 mm	10,000	500	
PKD7508	Grey	2.8 mm	1.6 mm	8 mm	14 mm	10,000	500	
PKD7510	Grey	2.8 mm	1.6 mm	10 mm	16 mm	10,000	500	
PKD7512	Grey	2.8 mm	1.6 mm	12 mm	18 mm	10,000	500	

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



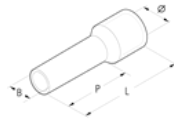
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD106	Red	3 mm	1.8 mm	6 mm	12 mm	10,000	500	
PKD108	Red	3 mm	1.8 mm	8 mm	14 mm	10,000	500	
PKD110	Red	3 mm	1.8 mm	10 mm	16 mm	10,000	500	
PKD112	Red	3 mm	1.8 mm	12 mm	18 mm	10,000	500	

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



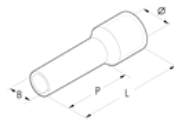
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD1508	Black	3.5 mm	2.1 mm	8 mm	14 mm	5,000	500	
PKD1510	Black	3.5 mm	2.1 mm	10 mm	16 mm	5,000	500	
PKD1512	Black	3.5 mm	2.1 mm	12 mm	18 mm	5,000	500	
PKD1518	Black	3.5 mm	2.1 mm	18 mm	24 mm	5,000	500	

**PKD** Cable type: flexible copper, Maximum section: 1.5 mm<sup>2</sup>



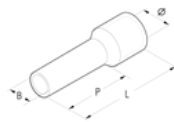
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD1508	Black	3.5 mm	2.1 mm	8 mm	14 mm	5,000	500	
PKD1510	Black	3.5 mm	2.1 mm	10 mm	16 mm	5,000	500	
PKD1512	Black	3.5 mm	2.1 mm	12 mm	18 mm	5,000	500	

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



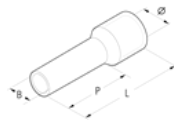
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD2508	Blue	4.2 mm	2.6 mm	8 mm	14 mm	5,000	500	
PKD2512	Blue	4.2 mm	2.6 mm	12 mm	18 mm	4,000	500	
PKD2518	Blue	4.2 mm	2.6 mm	18 mm	24 mm	5,000	500	

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

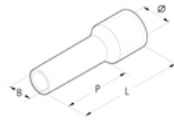




Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD410	Grey	4.8 mm	3.3 mm	10 mm	18 mm	3,000	200	
PKD412	Grey	4.8 mm	3.3 mm	12 mm	20 mm	3,000	200	
PKD418	Grey	4.8 mm	3.3 mm	18 mm	26 mm	3,000	200	

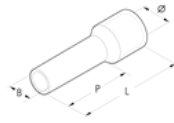
**PKD** Cable type: flexible copper, Maximum section: 6 mm<sup>2</sup>




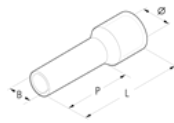
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD612	Yellow	6.3 mm	4 mm	12 mm	20 mm	1,500	100	
PKD618	Yellow	6.3 mm	4 mm	18 mm	26 mm	2,000	100	



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


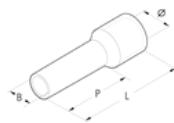
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD1012	Red	7.6 mm	5 mm	12 mm	22 mm	1,000	100	
PKD1018	Red	7.6 mm	5 mm	18 mm	28 mm	1,000	100	


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


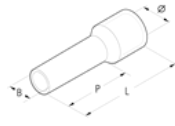
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD1612	Blue	8.8 mm	6.4 mm	12 mm	24 mm	800	100	
PKD1618	Blue	8.8 mm	6.4 mm	18 mm	28 mm	1,000	100	

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


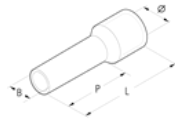
Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD25016	Yellow	11.2 mm	7.9 mm	16 mm	30 mm	500	50	
PKD25022	Yellow	11.2 mm	7.9 mm	22 mm	36 mm	500	50	

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


Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD35016	Red	12.7 mm	8.8 mm	16 mm	30 mm	400	50	
PKD35025	Red	12.7 mm	8.8 mm	25 mm	39 mm	400	50	

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


Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
PKD50020	Blue	15 mm	11 mm	20 mm	36 mm	300	50	
PKD50025	Blue	15 mm	11 mm	25 mm	41 mm	200	50	

**PKD** 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	
PKD506	White	2.6 mm	1.4 mm	6 mm	12 mm	10,000	500	
PKD508	White	2.6 mm	1.4 mm	8 mm	14 mm	10,000	500	
PKD510	White	2.6 mm	1.4 mm	10 mm	16 mm	10,000	500	