

# 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:

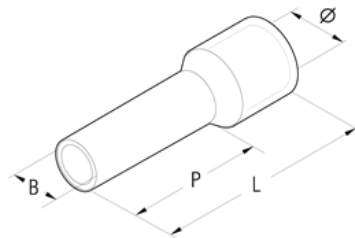
- >DIELECTRIC STRENGTH (KV/mm) : >16,5
- >VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) :  $>10^{13}$
- >MAX OPERATING TEMPERATURE ( $^{\circ}\text{C}$ ) : 115-130
- >FLAMMABILITY (UL94) : V2
- >DENSITY ( $\text{g}/\text{cm}^3$ ) : 1,14
- >WATER ABSORPTION (%) : 1,5
- >BREAKING LOAD ( $\text{N}/\text{mm}^2$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

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

# POLYAMIDE PA6.6 INSULATED END SLEEVES PKC

## *Technical characteristics*

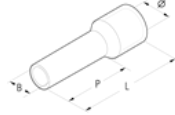
|   |                                    |
|---|------------------------------------|
| Halogen Free                            | yes                                |
| Min operating temperature range         | -20 °C                             |
| Max operating temperature range         | 115 °C  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



# POLYAMIDE PA6.6 INSULATED END SLEEVES PKC

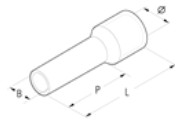
## List of products

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



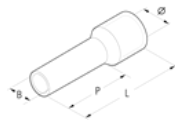
| Type    | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|---------|--------|--------|--------|-------|-------|----------|---------------|
| PKC7508 | White  | 2.8 mm | 1.6 mm | 8 mm  | 14 mm | 10,000   | 500           |
| PKC7512 | White  | 2.8 mm | 1.6 mm | 12 mm | 18 mm |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

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



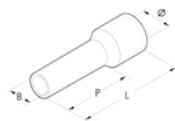
| Type   | Colour | Ø    | B      | P     | L       | Pack qty | Min. pack qty |
|--------|--------|------|--------|-------|---------|----------|---------------|
| PKC108 | Yellow | 3 mm | 1.8 mm | 8 mm  | 18.4 mm | 10,000   | 500           |
| PKC112 | Yellow | 3 mm | 1.8 mm | 12 mm | 18 mm   | 10,000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

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

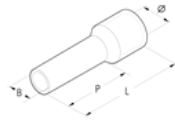


| Type    | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|---------|--------|--------|--------|-------|-------|----------|---------------|
| PKC1508 | Red    | 3.5 mm | 2.1 mm | 8 mm  | 14 mm | 5,000    | 500           |
| PKC1510 | Red    | 3.5 mm | 2.1 mm | 10 mm | 16 mm |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



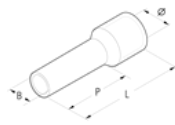
| Type    | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|---------|--------|--------|--------|-------|-------|----------|---------------|
| PKC1508 | Red    | 3.5 mm | 2.1 mm | 8 mm  | 14 mm | 5,000    | 500           |
| PKC1510 | Red    | 3.5 mm | 2.1 mm | 10 mm | 16 mm |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

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


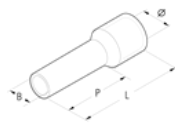
| Type    | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|---------|--------|--------|--------|-------|-------|----------|---------------|
| PKC2508 | Blue   | 4.2 mm | 2.6 mm | 8 mm  | 14 mm | 5,000    | 500           |
| PKC2512 | Blue   | 4.2 mm | 2.6 mm | 12 mm | 18 mm |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

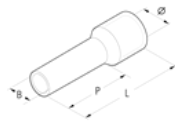

| Type   | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|--------|--------|--------|--------|-------|-------|----------|---------------|
| PKC410 | Grey   | 4.8 mm | 3.3 mm | 10 mm | 18 mm | 3,000    | 200           |
| PKC412 | Grey   | 4.8 mm | 3.3 mm | 12 mm | 20 mm | 3,000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


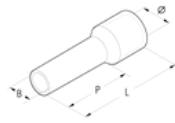
| Type   | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|--------|--------|--------|--------|-------|-------|----------|---------------|
| PKC612 | Black  | 5.8 mm | 3.9 mm | 12 mm | 20 mm | 1,500    | 100           |
| PKC618 | Black  | 5.8 mm | 3.9 mm | 18 mm | 26 mm | 2,000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

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


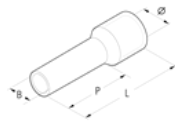
| Type    | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|---------|--------|--------|--------|-------|-------|----------|---------------|
| PKC1012 | Ivory  | 7.4 mm | 4.9 mm | 12 mm | 22 mm | 1,000    | 100           |
| PKC1018 | Ivory  | 7.4 mm | 4.9 mm | 18 mm | 28 mm |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

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


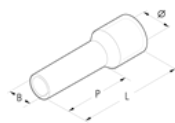
| Type    | Colour | Ø      | B      | P     | L     | Pack qty | Min. pack qty |
|---------|--------|--------|--------|-------|-------|----------|---------------|
| PKC1612 | Green  | 8.8 mm | 6.2 mm | 12 mm | 23 mm | 800      | 100           |
| PKC1618 | Green  | 8.8 mm | 6.2 mm | 18 mm | 29 mm |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

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


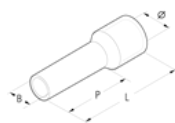
| Type     | Colour | Ø     | B      | P     | L     | Pack qty | Min. pack qty |
|----------|--------|-------|--------|-------|-------|----------|---------------|
| PKC25016 | Brown  | 10 mm | 7.9 mm | 16 mm | 30 mm | 500      | 50            |
| PKC25022 | Brown  | 10 mm | 7.9 mm | 22 mm | 36 mm |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

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


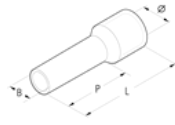
| Type     | Colour | Ø     | B      | P     | L     | Pack qty | Min. pack qty |
|----------|--------|-------|--------|-------|-------|----------|---------------|
| PKC35016 | Hazel  | 12 mm | 8.9 mm | 16 mm | 30 mm | 400      | 50            |
| PKC35025 | Hazel  | 12 mm | 8.9 mm | 25 mm | 39 mm |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

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


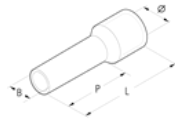
| Type     | Colour     | Ø       | B     | P     | L     | Pack qty | Min. pack qty |
|----------|------------|---------|-------|-------|-------|----------|---------------|
| PKC50020 | Dark Green | 13.8 mm | 11 mm | 20 mm | 36 mm | 200      | 50            |
| PKC50025 | Dark Green | 15 mm   | 11 mm | 25 mm | 41 mm | 250      | 50            |

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


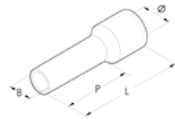
| Type     | Colour | Ø     | B       | P     | L     | Pack qty | Min. pack qty |
|----------|--------|-------|---------|-------|-------|----------|---------------|
| PKC70022 | Yellow | 16 mm | 14.3 mm | 22 mm | 38 mm | 100      | 25            |

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


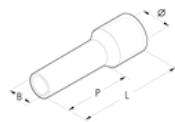
| Type     | Colour | Ø     | B       | P     | L     | Pack qty | Min. pack qty |
|----------|--------|-------|---------|-------|-------|----------|---------------|
| PKC95025 | Red    | 18 mm | 15.7 mm | 25 mm | 44 mm | 100      | 25            |

**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           |