

UNINSULATED END SLEEVES PKE

for flexible copper cables

The PKE 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 3 μ m.

Main characteristics of the PA6 sleeves:

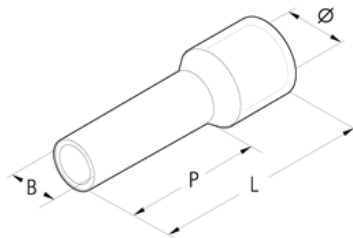
- >DIELECTRIC STRENGTH (KV/mm) : >16,5
- >VOLUME RESISTIVITY ($\Omega \cdot \text{cm}$) : >10¹³
- >MAX OPERATING TEMPERATURE (°C) : 115-130
- >FLAMMABILITY (UL94) : V2
- >DENSITY (g/cm³) : 1,14
- >WATER ABSORPTION (%) : 1,5
- >BREAKING LOAD (N/mm²) : 77

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	-4 °F
Max operating temperature range	239 °F
Max operating temperature range (surge)	266 °F
Material (Body)	ETP Copper electrolytically tinned
Material (Partially reinforced)	Polyamide PA6



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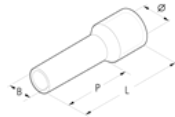
List of products

PKE Cable type: flexible copper, Maximum section: 18 AWG



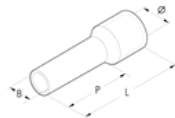
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE7508	Blue	0.11 in.	0.06 in.	0.31 in.	0.55 in.	5,000	500

PKE Cable type: flexible copper, Maximum section: 17 AWG



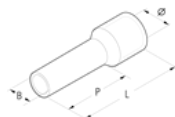
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE108	Red	0.12 in.	0.07 in.	0.31 in.	0.55 in.	6,000	500

PKE Cable type: flexible copper, Maximum section: 15 AWG

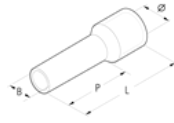


Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE1508	Black	0.14 in.	0.08 in.	0.31 in.	0.55 in.	5,000	500
PKE1510	Black	0.14 in.	0.08 in.	0.39 in.	0.63 in.	5,000	500
PKE1518	Black	0.14 in.	0.08 in.	0.71 in.	0.94 in.	5,000	500

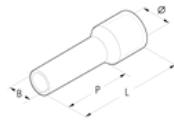
PKE Cable type: flexible copper, Maximum section: 16 AWG



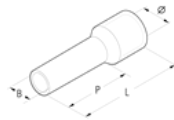
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE1508	Black	0.14 in.	0.08 in.	0.31 in.	0.55 in.	5,000	500
PKE1510	Black	0.14 in.	0.08 in.	0.39 in.	0.63 in.	5,000	500

PKE Cable type: flexible copper, Maximum section: 14 AWG


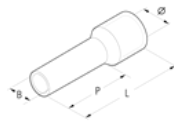
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE2508	Grey	0.17 in.	0.1 in.	0.31 in.	0.55 in.	5,000	500
PKE2512	Grey	0.17 in.	0.1 in.	0.47 in.	0.71 in.	5,000	500
PKE2518	Grey	0.17 in.	0.1 in.	0.71 in.	0.94 in.	5,000	500

PKE Cable type: flexible copper, Maximum section: 12 AWG


Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE410	Orange	0.19 in.	0.13 in.	0.39 in.	0.71 in.	3,000	200
PKE412	Orange	0.19 in.	0.13 in.	0.47 in.	0.79 in.	3,000	200
PKE418	Orange	0.19 in.	0.13 in.	0.71 in.	1.02 in.	3,000	200

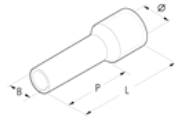
PKE Cable type: flexible copper, Maximum section: 10 AWG


Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE612	Green	0.25 in.	0.16 in.	0.47 in.	0.79 in.	1,500	100
PKE618	Green	0.25 in.	0.16 in.	0.71 in.	1.02 in.	1,500	100

PKE Cable type: flexible copper, Maximum section: 8 AWG


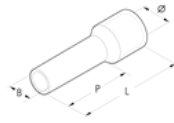
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE1012	Brown	0.3 in.	0.2 in.	0.47 in.	0.87 in.	1,000	100
PKE1018	Brown	0.3 in.	0.2 in.	0.71 in.	1.1 in.	1,000	100

PKE Cable type: flexible copper, Maximum section: 6 AWG



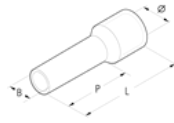
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE1612	White	0.35 in.	0.24 in.	0.47 in.	0.91 in.	800	100
PKE1618	White	0.35 in.	0.24 in.	0.71 in.	1.14 in.	1,000	100

PKE Cable type: flexible copper, Maximum section: 4 AWG



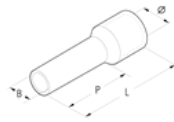
Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE25016	Black	0.44 in.	0.31 in.	0.63 in.	1.18 in.	500	50
PKE25022	Black	0.44 in.	0.31 in.	0.87 in.	1.42 in.	500	50

PKE Cable type: flexible copper, Minimum section: 26 AWG, Maximum section: 22 AWG



Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE308	Yellow	0.07 in.	0.04 in.	0.31 in.	0.49 in.	20,000	500

PKE Cable type: flexible copper, Minimum section: 22 AWG, Maximum section: 20 AWG



Type	Color	Ø	B	P	L	Pack qty	Min. pack qty
PKE508	White	0.1 in.	0.06 in.	0.31 in.	0.55 in.	10,000	500