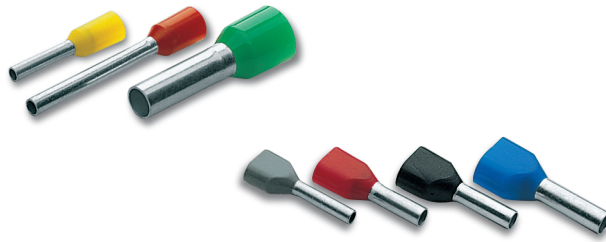


## POLYAMIDE (PA6) INSULATED END SLEEVES for flexible copper cables



### Description:

The 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. The D serie of insulated end sleeves comply with specification DIN 46 228/4.

### Technical details:

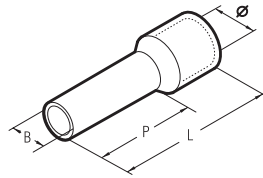
- The connectors are manufactured from Copper Cu DHP UNI 5649/1988 (corresponding to: SF-Cu DIN 1787/1973 Cu/b1 NFA 51-050)
- Tin plated with a minimum thickness of 3µm.
- Main characteristics of the PA6 sleeves:
  - DIELECTRIC STRENGTH (KV/mm) : >16,5
  - VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) : >1013
  - MAX OPERATING TEMPERATURE ( $^{\circ}\text{C}$ ) : 115-130
  - FLAMMABILITY (UL-94) : V-2
  - DENSITY ( $\text{g}/\text{cm}^3$ ) : 1,14
  - WATER ABSORPTION (%) : 1,5
  - BREAKING LOAD ( $\text{N}/\text{mm}^2$ ) : 77
- The connectors can be used within the following temperature range: - 20 ÷ + 115 $^{\circ}\text{C}$  (Surge + 130 $^{\circ}\text{C}$ )
- The connectors can be stored at a minimum temperature not below - 40 $^{\circ}\text{C}$ .

### Markings:



- According to UL 486A standard (file E125401), only for D and T

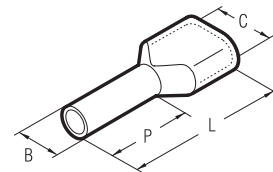
Sections and Dimensions:



Conductor Size sqmm	Ref.	Dimensions mm				Insulation Colour	Quantity Box/Bag
		Ø	B	P	L		
0,1±0,3	E	1,9	1,1	8,0	12,0	● yellow	25.000/500
0,3±0,5	E *	2,6	1,4	8,0	14,0	○ white	10.000/500
0,75	E	2,8	1,6	8,0	14,0	● blue	10.000/500
1	E *	3,0	1,8	8,0	14,0	● red	10.000/500
	E *	3,5	2,1	8,0	14,0		10.000/500
1,5	E *	3,5	2,1	10,0	16,0	● black	7.500/500
	E *	3,5	2,1	18,0	24,0		5.000/500
2,5	E	4,2	2,6	8,0	14,0		7.500/500
	E	4,2	2,6	12,0	18,0	● grey	5.000/500
	E	4,2	2,6	18,0	24,0		5.000/500
4	E	4,8	3,3	10,0	18,0		5.000/200
	E	4,8	3,3	12,0	20,0	● orange	4.000/200
	E	4,8	3,3	18,0	26,0		3.000/200
6	E	6,3	4,0	12,0	20,0	● green	2.500/100
	E	6,3	4,0	18,0	26,0		2.000/100
10	E	7,6	5,0	12,0	22,0	● brown	1.500/100
	E	7,6	5,0	18,0	28,0		1.500/100
16	E	8,8	6,2	12,0	23,0	○ ivory	1.000/100
	E	8,8	6,2	18,0	29,0		1.000/100
25	E	11,2	7,9	16,0	30,0	● black	500/50
	E	11,2	7,9	22,0	36,0		500/50

Conductor Size sqmm	Ref.	Dimensions mm				Insulation Colour	Quantity Box/Bag
		Ø	B	P	L		
0,1±0,3	C	1,9	1,1	6,0	10,0	● light blue	25.000/500
	C	1,9	1,1	8,0	12,0		25.000/500
0,3±0,5	C	2,6	1,4	8,0	14,0	● orange	10.000/500
	C	2,6	1,4	10,0	16,0		10.000/500
0,75	C	2,8	1,6	8,0	14,0	○ white	10.000/500
	C	2,8	1,6	12,0	18,0		10.000/500
1	C	3,0	1,8	8,0	14,0	● yellow	10.000/500
	C	3,0	1,8	12,0	18,0		10.000/500
1,5	C	3,5	2,1	8,0	14,0		10.000/500
	C	3,5	2,1	10,0	16,0	● red	7.500/500
	C	3,5	2,1	18,0	24,0		5.000/500
2,5	C *	4,2	2,6	8,0	14,0		7.500/500
	C *	4,2	2,6	12,0	18,0	● blue	5.000/500
	C *	4,2	2,6	18,0	24,0		5.000/500
4	C *	4,8	3,3	10,0	18,0		5.000/200
	C *	4,8	3,3	12,0	20,0	● grey	4.000/200
	C *	4,8	3,3	18,0	26,0		3.000/200
6	C	6,3	4,0	12,0	20,0	● black	2.500/100
	C	6,3	4,0	18,0	26,0		2.000/100
10	C	7,6	5,0	12,0	22,0	○ ivory	1.500/100
	C	7,6	5,0	18,0	28,0		1.500/100
16	C	8,8	6,2	12,0	23,0	● green	1.000/100
	C	8,8	6,2	18,0	29,0		1.000/100
25	C	11,2	7,9	16,0	30,0	● brown	500/50
	C	11,2	7,9	22,0	36,0		500/50
35	C	12,7	8,9	16,0	30,0	● beige	500/50
	C	12,7	8,9	25,0	39,0		400/50
50	C	15,0	11,0	20,0	36,0	● olive	300/50
	C	15,0	11,0	25,0	41,0		250/50
70	C	16,0	14,3	22,0	38,0	● yellow	100/25
95	C	18,0	15,7	25,0	44,0	● red	100/25
120	C	21,0	17,5	27,0	48,0	● blue	100/25

Conductor Size sqmm	Ref.	Dimensions mm				Insulation Colour	Quantity Box/Bag
		Ø	B	P	L		
0,3±0,5	D	2,6	1,4	6,0	12,0		10.000/500
	D	2,6	1,4	8,0	14,0	○ white	10.000/500
	D	2,6	1,4	10,0	16,0		10.000/500
0,75	D	2,8	1,6	6,0	12,0		10.000/500
	D	2,8	1,6	8,0	14,0	● grey	10.000/500
	D	2,8	1,6	10,0	16,0		10.000/500
1	D	3,0	1,8	6,0	12,0		10.000/500
	D	3,0	1,8	8,0	14,0		10.000/500
	D	3,0	1,8	10,0	16,0	● red	10.000/500
1,5	D	3,0	1,8	12,0	18,0		10.000/500
	D	3,5	2,1	8,0	14,0		10.000/500
	D	3,5	2,1	10,0	16,0	● black	7.500/500
2,5	D	3,5	2,1	12,0	18,0		7.500/500
	D	3,5	2,1	18,0	24,0		5.000/500
	D	4,2	2,6	8,0	14,0		7.500/500
4	D	4,2	2,6	12,0	18,0	● blue	5.000/500
	D	4,2	2,6	18,0	24,0		5.000/500
	D	4,8	3,3	10,0	18,0		5.000/200
6	D	4,8	3,3	12,0	20,0	● grey	4.000/200
	D	4,8	3,3	18,0	26,0		3.000/200
	D	6,3	4,0	12,0	20,0	● yellow	2.500/100
10	D	6,3	4,0	18,0	26,0		2.000/100
	D	7,6	5,0	12,0	22,0	● red	1.500/100
	D	7,6	5,0	18,0	28,0		1.500/100
16	D	8,8	6,4	12,0	24,0	● blue	1.000/100
	D	8,8	6,4	18,0	28,0		1.000/100
	D	11,2	7,9	16,0	30,0	● yellow	500/50
25	D	11,2	7,9	22,0	36,0		500/50
	D	12,7	8,9	16,0	30,0	● red	500/50
	D	12,7	8,9	25,0	39,0		400/50
50	D	15,0	11,0	20,0	36,0	● blue	300/50
	D	15,0	11,0	25,0	41,0		300/50



Conductor Size sqmm	Ref.	Dimensions mm				Insulation Colour	Quantity Box/Bag
		C	B	P	L		
2 x 0,5	T	4,7x2,6	1,8	8,0	14,0	○ white	5.000/500
	T	4,7x2,6	1,8	10,0	18,0		5.000/500
2 x 0,75	T	5,0x2,8	2,1	8,0	15,0	● grey	2.500/100
	T	5,0x2,8	2,1	10,0	17,0		2.500/100
2 x 1	T	5,4x3,4	2,4	8,0	16,0	● red	2.500/100
	T	5,4x3,4	2,4	10,0	18,0		2.500/100
2 x 1,5	T	6,6x3,6	2,6	8,0	16,0	● black	2.500/100
	T	6,6x3,6	2,6	12,0	20,0		2.500/100
2 x 2,5	T	7,8x4,2	3,2	10,0	20,0	● blue	2.500/100
	T	7,8x4,2	3,2	12,0	22,0		2.500/100
2 x 4	T	8,8x4,9	4,2	12,0	23,0	● grey	1.500/100
2 x 6	T	10,0x6,9	5,3	14,0	26,0	● yellow	1.000/100
2 x 10	T	♦ 13,3x7,5	6,2	12,0	24,0	● red	500/50
2 x 16	T	18,6x9,6	8,9	14,0	30,0	● blue	300/50

\*To DIN standard 46 228/4

♦Not UL approved