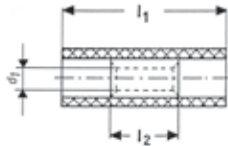


## Insulated butt connectors



- ▶ For fine and superfine stranded conductors, e.g. to EN 60228 Cl. 5 and 6
- ▶ Simple and safe connecting owed to butt mark
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

### Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105 °C

### Material

- Copper (ETP)
- Insulation sleeve: PA

### Surface

- Tin-plated to protect against corrosion

### Technical instructions

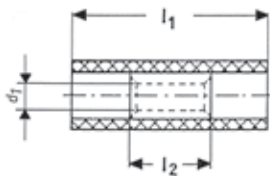
- Tool: see page 1.157
- You will find further information on the cable descriptions in the technical appendix, page i-6

### Additional information

- 0.1 - 0.4 mm<sup>2</sup> not CSA-tested

Nominal cross section mm <sup>2</sup>	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			d1	l1	l2		
0.1 - 0.4	<b>669</b>	Yellow	1.2	20	12	0.030	100
0.5 - 1	<b>670</b>	Red	1.6	25	15	0.090	100
1.5 - 2.5	<b>680</b>	Blue	2.3	25	15	0.115	100
4 - 6	<b>700</b>	Yellow	3.6	27	15	0.250	100

## Insulated butt connectors with heat shrink insulation



- ▶ For fine and superfine stranded conductors, e.g. to EN 60228 Cl. 5 and 6
- ▶ Simple and safe processing due to butt mark
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

### Characteristics

- Cross-section-dependent colour-coding
- Special crimping tool required
- Heat resistant to 105 °C

### Material

- Copper (ETP)
- Insulation sleeve: PE

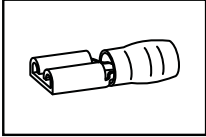
### Surface

- Tin-plated to protect against corrosion

### Technical instructions

- Tool: see page 1.157
- You will find further information on the cable descriptions in the technical appendix, page i-6

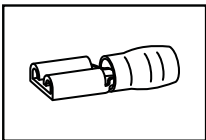
Nominal cross section mm <sup>2</sup>	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			d1	l1	l2		
0.5 - 1	<b>670WS</b>	Red	1.6	36	15	0.12	100
1.5 - 2.5	<b>680WS</b>	Blue	2.3	36	15	0.15	100
4 - 6	<b>700WS</b>	Yellow	3.4	41	15	0.25	100



### Tool application chart

#### Insulated cable connections

Tool type	Crimping range corresponds to nominal cross-section mm <sup>2</sup>	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical crimping tools	0,1 - 1	K80		2.11		○
	0,5 - 6	K82A		2.12		○
		K82T		2.13		○
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	0,1 - 16	K50		2.23	2.83	○
		EK50ML		6.6	2.83	○
	0,5 - 6	K507		2.22		○



### Tool application chart

#### Butt connectors with heat shrink insulation

Tool type	Crimping range corresponds to nominal cross-section mm <sup>2</sup>	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	0,1 - 16	K50		2.23	2.83	○
		EK50ML		6.6	2.83	○
	0,5 - 6	K82T		2.13		○