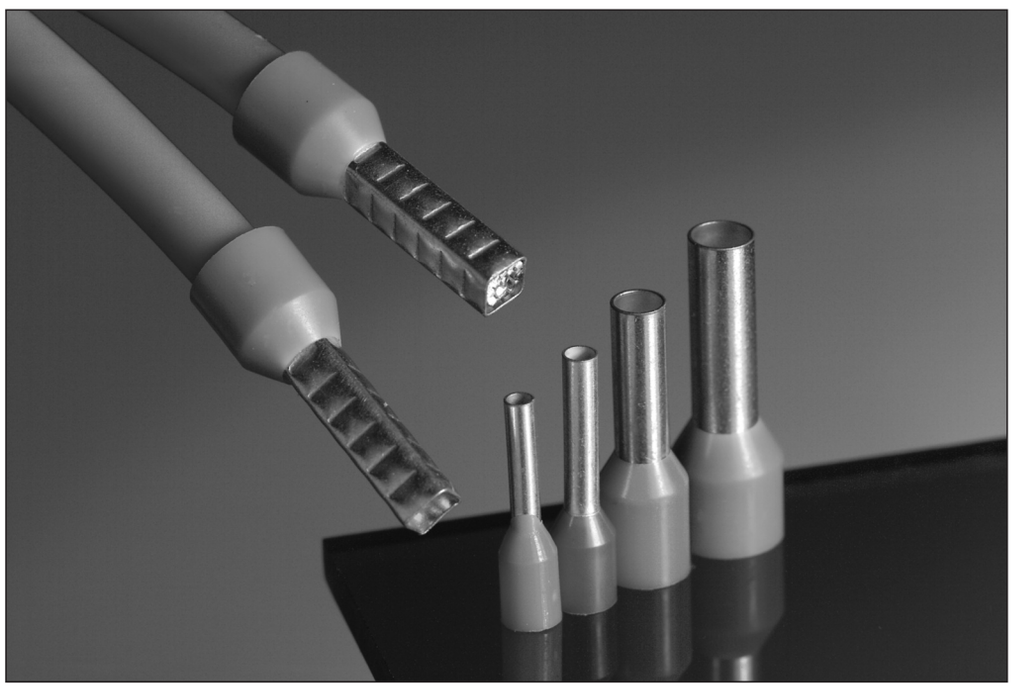
Introduction



Technical Features

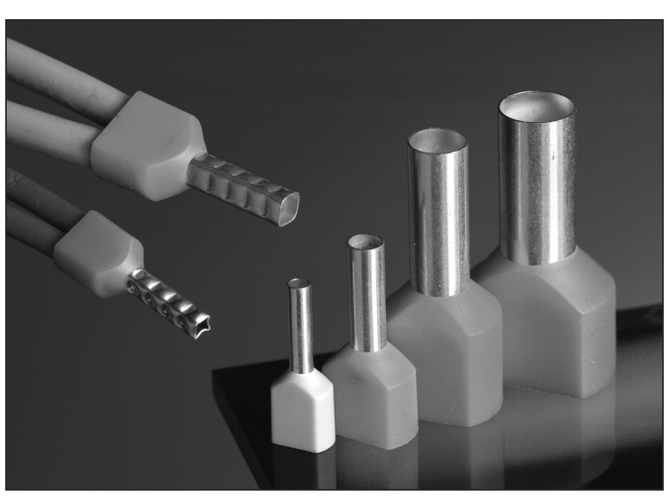
- **Complete program in wire sizes of 0.14–50.0 mm²**
- **Various pin length**
- **DIN and special colors**
- **Quality per ISO 9001**
- **An application tooling program, to cover all wire sizes**
- **Semi-automatic application tooling**
- **Electrical semi-automatic bench press**
- **Wire pins in strip form**



Wire Ferrules allow the easy and reliable connection of flexible leads (0.14 mm² up to 50.0 mm²) with screw or spring clamps. The individual wire of the script leads are held by the wire ferrule for this specific wire size and are crimped with AMP precision tools to form a gas-tight connection.

The color-coded insulation protects the crimped connection from contacts. All the technical parameters of the wire ferrules such as dimension, material, surface and color-coding of the crimped insulation are described in the DIN Specification 46228, Part 4.

Only of the use of wire ferrules provides the high degree of contacts reliability required by the wide variety of applications found in switching cabinets, control units, function unit and equipment with row clamp or poke-in clamp connectors.



Technical Data

Material:
Wire pins with plastic collar according DIN 46228, Part 4

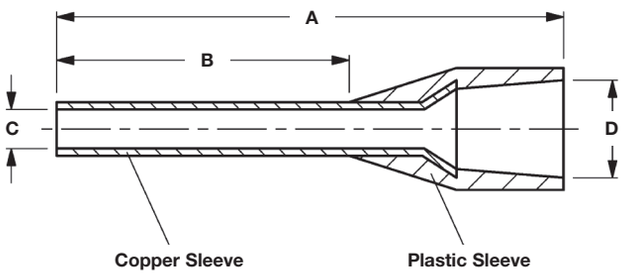
Sleeve:
ECU, galvanic tin plated

Plastic Collar:
Polypropylene up to +120 °C

DIN Wire Ferrules

DIN Wire Ferrules

**Tubing Form
with Plastic Collar
acc. DIN 46228, Part 4**

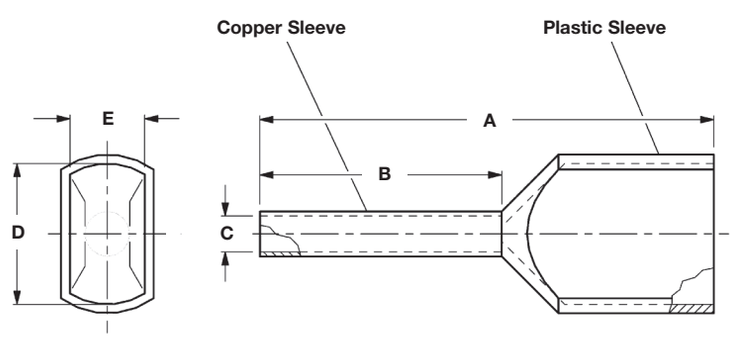


Wire Size Range (mm^2)	Insulation Diameter max. (mm)	Version	Color	Dimensions (mm)				Strip Length (mm)	Part Number	Package Quantity
				A	B	C	D			
0.50	2.3	normal		14.0	8.0	1.0	2.6	10.0	966067-2	500
0.75	2.5	normal		14.0	8.0	1.2	2.8	10.0	966067-5	500
1.00	2.7	normal		14.0	8.0	1.4	3.0	10.0	966067-9	500
1.50	3.2	normal		14.0	8.0	1.7	3.5	10.0	1-966067-2	500
2.50	3.9	normal		14.0	8.0	2.2	4.2	10.0	1-966067-6	500
4.00	4.5	normal		17.0	10.0	2.8	4.8	12.0	1-966067-9	500
6.00	6.0	normal		20.0	12.0	3.5	6.3	14.0	2-966067-2	100
10.00	7.3	normal		22.0	12.0	4.5	7.6	15.0	2-966067-4	100

Double Wire Ferrules

Double Wire Ferrules

**Tubing Form
with Plastic Sleeve,
Color acc. DIN 46228**



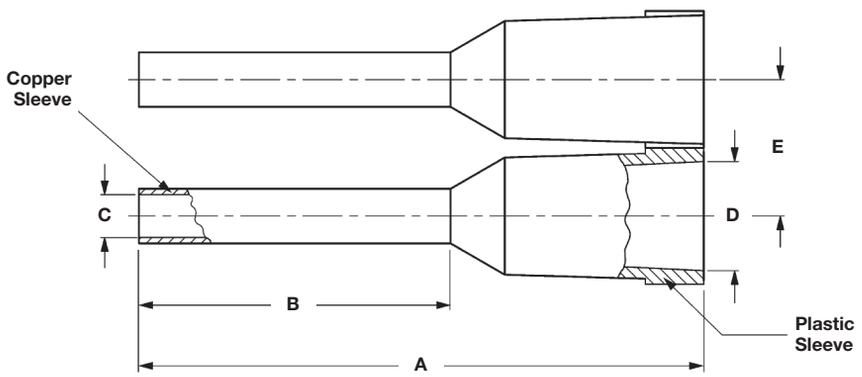
Wire Size Range (mm^2)	Insulation Diameter max. (mm)	Version	Color	Dimensions (mm)					Strip Length (mm)	Part Number	Package Quantity
				A	B	C	D	E			
2 x 0.50	2.1	normal		15.0	8.0	1.40	4.7	2.5	10.0	966144-1	500
2 x 0.75	2.2	normal		15.0	8.0	1.70	5.0	2.8	10.0	966144-2	500
2 x 0.75	2.2	long		17.0	10.0	1.70	5.0	2.8	12.0	966144-3	500
2 x 1.00	2.5	normal		15.0	8.0	1.95	5.4	3.4	10.0	966144-4	500
2 x 1.50	3.0	normal		16.0	8.0	2.20	6.6	3.6	10.0	966144-6	500
2 x 2.50	3.6	normal		18.5	10.0	2.80	7.8	4.2	12.0	966144-8	250
2 x 4.00	4.1	normal		23.0	12.0	3.70	8.8	4.9	14.0	1-966144-0	100

All specifications subject to change. Consult TE Connectivity for latest specifications.

DIN Tubular End Sleeve with Plastic Sleeve

DIN Tubular End Sleeve with Plastic Sleeve

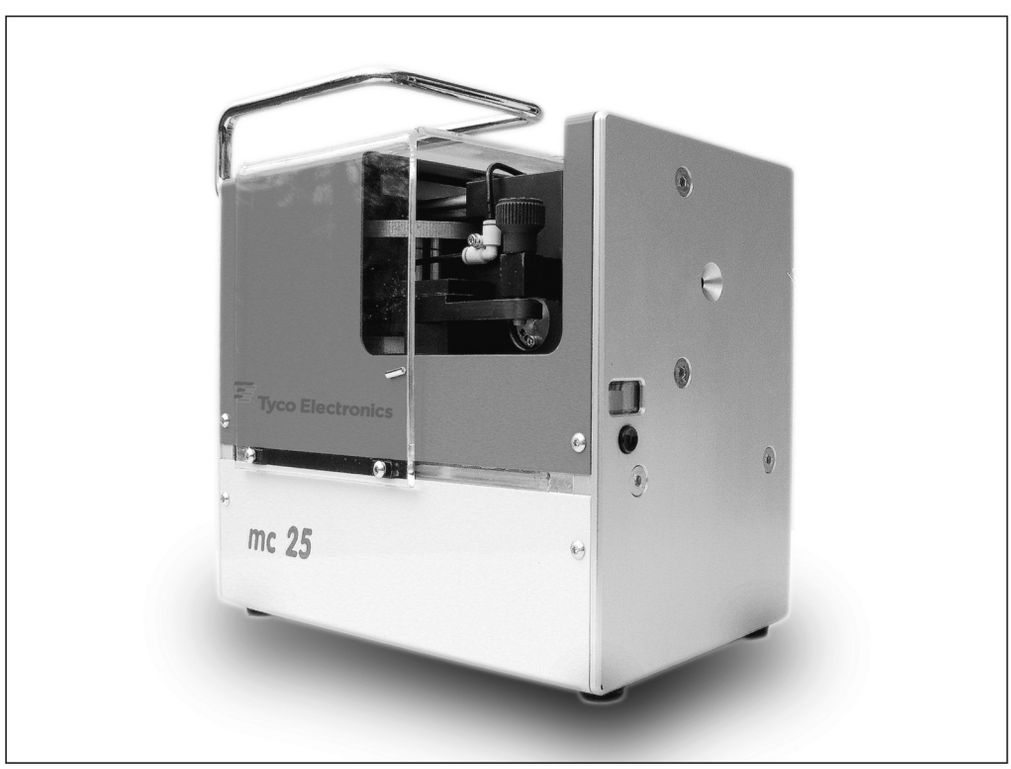
According to DIN 46228, Part 4, in Strip Form, to be terminated with the transportable Stripper Crimper Machine



Wire Size Range (mm^2)	Insulation Diameter max. (mm)	Color	Dimensions (mm)					Strip Length (mm)	Part Number	Package Quantity
			A	B	C	D	E			
0.50	2.4	○	14.5	8.0	1.1	2.8	3.5	10.0	1241000-1	1,000
0.75	2.6	Gray	14.5	8.0	1.3	2.9	3.5	10.0	1241001-1	1,000
1.00	2.9	Red	14.5	8.0	1.5	3.2	3.9	10.0	1241002-1	1,000
1.50	3.2	Black	14.5	8.0	1.8	3.4	4.1	10.0	1241003-1	1,000
2.50	4.0	Blue	14.5	8.0	2.3	4.3	5.0	10.0	1241004-1	500
2.50	4.0	Gray	14.5	8.0	2.3	4.3	5.0	10.0	1241004-2	500

Stripper Crimper (Transportable):

Part No. **439782-2**



Crimp Hand Tools for Wire Ferrules

The designed self adjusting die set offers a time saving crimping process and a high performing crimp.

A safety ratchet system ensures crimp cycle is completed before releasing. The crimp is according to DIN specification.

The tool handles are contoured for comfort.



Square Crimp Tool



Trapezium Crimp Tool

Tooling for Wire Ferrules

Tool Grade	Wire Size		Description	Part Number	Instruction Sheet
	(mm^2)	(AWG)			
Service	0.14–6.0	26–10	Die-Set Service Kit Tool	3-1579016-5*	–
Commercial	0.14–6.0	26–10	Square Crimp Tool	539660-1	411-18232
	0.75–10	18–6		539661-1	411-18234
	0.14–6.0	26–10	Trapezium Crimp Tool	734641-2	–
	0.5–10	21–8		734641-3	–
	10–16	8–6		734641-4	–

*) Die-Set only – requires Hand Tool, Part No. **3-159000-0.**

Find the latest Tooling and Equipment options for your applications at
http://www.tooling.tycoelectronics.com/europe/handtool.stm

All specifications subject to change. Consult TE Connectivity for latest specifications.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

936348-1 CPF0402B37K4E1 1-962915-1 3631B101LL 650075-000 2310537-1 2377783-2 2380312-2 1-794222-0 175977-2 RH73H2A40MKTN U5254-000005-030PA 1743455-2 3430B2F51RTDF CRGCQ2010J3K3 917696-1 SBCHE64R7K SMW73R0JT 2834055-1 1393431-1 1903112-2 1969656-1 2-292161-3 2005330-1 3-1393225-0 MPT100C18RF ROX05SJ18R SBCHE154R7K TE50BR39J 141991-2