



WIRE END FERRULES

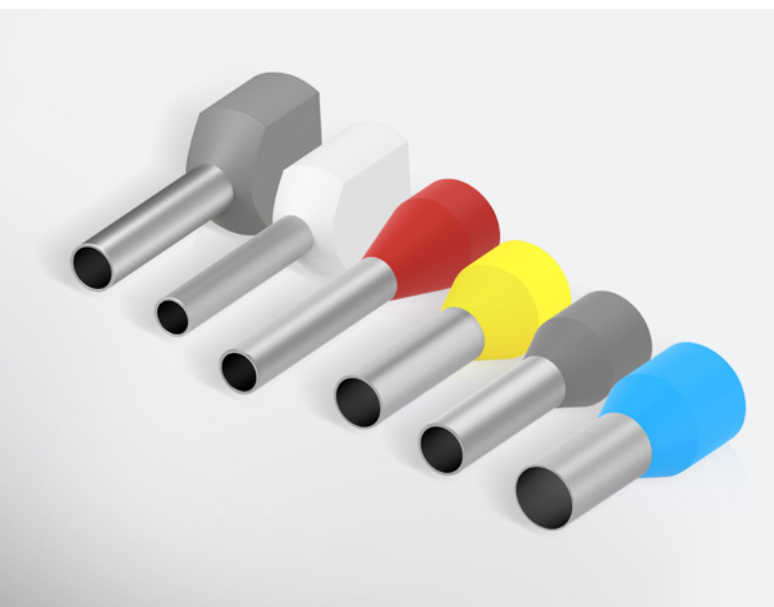
CRIMP TECHNOLOGY

Insulated Single wire: from 0.14 mm² to 50 mm² - 26 to 1 AWG
Insulated Double wire: from 0.50 mm² to 6 mm² - 20 to 6 AWG



WIRE END FERRULES

Ferrules provide an easy, clean and reliable connection of flexible and stranded wires. They are adapted to screw, push-in and spring connections and used worldwide in many industrial or commercial applications where contact precision is key.



PLASTIC SLEEVE COLOR CODING PER INDUSTRY STANDARDS FOR CIRCUIT IDENTIFICATION.

Benefit from TE Connectivity's (TE) track record and leadership using our precision tools for a gas-tight and secured connection.



FEATURES AND BENEFITS

- **Facilitate wire insertion** into terminal clamps of terminal blocks or other control devices.
- **Clean and reliable wire termination** by providing a solid surface at the point of connection.
- **Recommended** for push-in and spring connection technologies.
- **Conductor protection** from breakage due to bending, stress or vibrations.
- **Multiple re-wiring allowed** without damaging the cable performances.
- **Funneled entry** for splice-free cable insertion.
- **Various pin length** to adapt to a wide variety of needs and product depth.
- **High level crimp performance** with TE tooling.
- **Ferrules** with plastic sleeve according to DIN 46228 Part 4.
- **Simple wire size identification** thanks to the large choice of industry standard plastic sleeve color coding.

105°C

Max operating
Temperature

MATERIAL

Insulation: Polypropylene

Terminal Body: E-Copper

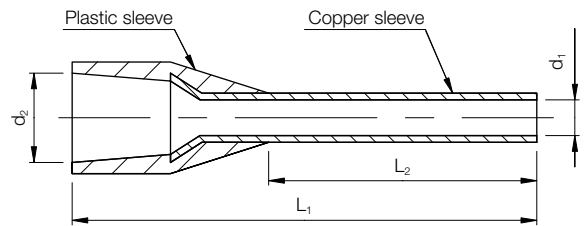
Plating: Tin (minimum coating thickness 3 µm)

Product Application

- Panel Boxes
- Motors
- Switchgear
- Power Supplies
- Instruments/Controls
- Lighting
- Transportation
- Lifting equipment
- HVAC
- Repair, Service & Installation

INSULATED SINGLE WIRE FERRULES

from 0.14 mm² to 50 mm² - 26 to 1 AWG

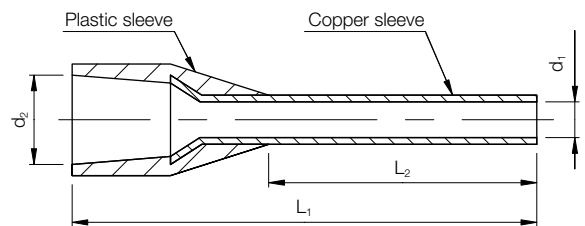


Wire size		Color	L1	L2	d1	d2	Part Number	Package	CSA	Side Entry Hand tool	Front Entry Hand tool		
mm ²	AWG							Quantity					
0.14	26	Grey	10	6	0.70	1.60	966066-5	500	CSA	539660-1	6-1579014-5		
			12	8	0.70	1.60	1-966066-6	500	CSA				
		Brown	10	6	0.70	1.60	966292-1	500					
			12	8	0.70	1.60	966292-2	500					
		0.25	24	Light Blue	10	6	0.75	1.80	966066-1			500	CSA
					12	8	0.75	1.80	966066-2			500	CSA
Yellow	12			8	0.75	1.80	966292-4	500					
0.34	22	Turquoise	10	6	0.80	2.00	966066-3	500	CSA				
			12	8	0.80	2.00	966066-4	500	CSA				
		Green	10	6	0.80	2.00	966293-5	1000					
			12	8	0.80	2.00	966293-6	1000					
0.50	20	Orange	14	8	1.00	2.60	966066-7	500	CSA				
			14	8	1.00	2.80	1-966300-3 ⁽¹⁾	500					
		White	16	10	1.00	2.60	1-966066-8	500	CSA				
			12	6	1.00	2.60	966067-1	500	CSA				
			14	8	1.00	2.60	966067-2	500	CSA				
			16	10	1.00	2.60	966067-3	500	CSA				
			16	10	1.00	2.60	966293-9	1000					
0.75	18	White	12	6	1.20	2.80	1-966066-9	500	CSA				
			14	8	1.20	2.80	1-966300-5 ⁽¹⁾	500					
			14	8	1.20	2.80	966066-9	500	CSA				
			16	10	1.20	2.80	2-966066-0	500	CSA				
		Grey	12	6	1.20	2.80	966067-4	500	CSA				
			12	6	1.20	2.80	966288-4	1000					
			14	8	1.20	2.80	966067-5	500	CSA				
			16	10	1.20	2.80	966067-6	500	CSA				
		Blue	18	12	1.20	2.80	966067-7	500	CSA				
			12	6	1.20	2.80	1-966293-0	1000					
			14	8	1.20	2.80	1-966293-1	1000					
			16	10	1.20	2.80	1-966292-2	500					
		Light Blue	18	12	1.20	2.80	1-966293-3	1000					
			14	8	1.20	2.80	1-966300-4 ⁽¹⁾	500					
1.00	17	Red	12	6	1.40	3.00	966067-8	500	CSA				
			14	8	1.40	3.00	966067-9	500	CSA				
			14	8	1.40	3.00	1-966293-5	1000					
			16	10	1.40	3.00	1-966067-0	500	CSA				
			16	10	1.40	3.00	1-966288-0	1000					
			18	12	1.40	3.00	1-966067-1	500	CSA				
		Yellow	18	12	1.40	3.00	1-966288-1	1000					
			18	12	1.40	3.00	1-966293-7	1000					
			12	6	1.40	3.00	2-966066-2	500	CSA				
			14	8	1.40	3.00	1-966300-6 ⁽¹⁾	500					
			14	8	1.40	3.00	1-966066-0	500	CSA				
			16	10	1.40	3.00	2-966066-3	500	CSA				

(1) Ferrules are delivered in 10 strips of 50 parts.

INSULATED SINGLE WIRE FERRULES

from 0.14 mm² to 50 mm² - 26 to 1 AWG



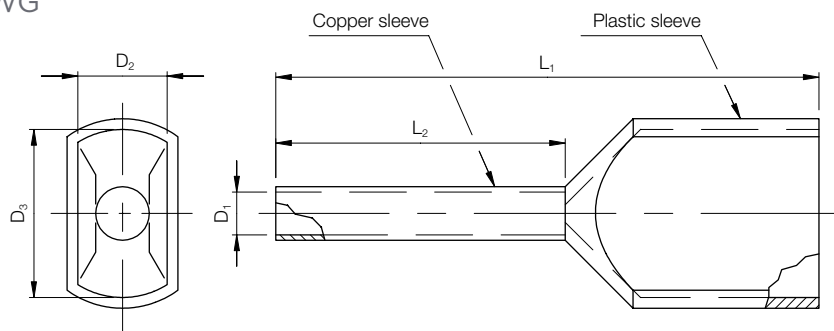
Wire size	Color	L1	L2	d1	d2	Part Number	Package	CSA	Side Entry Hand tool	Front Entry Hand tool					
mm ²	AWG	Quantity													
1.50	16	Red	16	10	1.70	3.50	1-966066-1	500	CSA	539660-1	6-1579014-5				
			14	8	1.70	3.50	2-966066-5	500	CSA						
			14	8	1.70	3.50	1-966300-7 ⁽¹⁾	500							
			Black	14	8	1.70	3.50	1-966067-2	500			CSA			
				14	8	1.70	3.50	1-966156-4	500						
				14	8	1.70	3.50	1-966293-8	1000						
		16		10	1.70	3.50	1-966067-3	500	CSA						
		16	10	1.70	3.50	1-966288-3	1000								
		18	12	1.70	3.50	1-966288-4	1000								
		18	12	1.70	3.50	1-966067-4	500	CSA							
		24	18	1.70	3.50	1-966288-5	1000								
		24	18	1.70	3.50	1-966067-5	500	CSA							
		24	18	1.70	3.50	2-966293-0	1000								
		2.50	14	Blue	14	8	2.20	4.20	1-966067-6			500	CSA	539660-1	6-1579014-5
18	12				2.20	4.20	1-966067-7	500	CSA						
24	18				2.20	4.20	1-966067-8	500	CSA						
24	18				2.20	4.20	1-966288-8	1000							
Grey	14				8	2.20	4.20	1-966300-8 ⁽¹⁾	500						
	14				8	2.20	4.20	2-966292-1	500						
	14			8	2.20	4.20	2-966293-1	1000							
	18			12	2.20	4.20	2-966293-2	1000							
24	18			2.20	4.20	2-966293-3	1000								
4	12			Grey	17	10	2.80	4.80	3-966066-0	500	CSA	539660-1	6-1579014-5		
		17	10		2.80	4.80	1-966067-9	500	CSA						
		20	12		2.80	4.80	2-966067-0	500	CSA						
		26	18		2.80	4.80	2-966067-1	100	CSA						
		26	18		2.80	4.80	2-966288-1	1000							
		Orange	17		10	2.80	4.80	2-966292-4	500						
			17		10	2.80	4.80	2-966293-4	1000						
			20		12	2.80	4.80	2-966292-5	500						
			20	12	2.80	4.80	2-966293-5	1000							
			26	18	2.80	4.80	2-966292-6	100							
			26	18	2.80	4.80	2-966293-6	1000							
		6	10	Black	20	12	3.50	6.30	1-966066-5	100	CSA			539660-1	6-1579014-5
					26	18	3.50	6.30	3-966066-3	100	CSA				
				Green	20	12	3.50	6.30	2-966292-7	100					
26	18				3.50	6.30	2-966292-8	100							
Yellow	20			12	3.50	6.30	2-966067-2	100	CSA						
	26			18	3.50	6.30	2-966067-3	100	CSA						
10	8	Red	22	12	4.50	7.60	2-966067-4	100	CSA	539660-1	6-1579014-5				
			28	18	4.50	7.60	2-966067-5	100	CSA						
		Brown	22	12	4.50	7.60	2-966292-9	100							
			28	18	4.50	7.60	3-966292-0	100							
16	6	Blue	24	12	5.80	8.80	2-966067-6	100	CSA	Tool from alternative manufacturer: Klauke K28 ⁽²⁾					
			28	18	5.80	8.80	2-966067-7	100	CSA						
		Green	24	12	5.80	8.80	3-966066-6	100	CSA						
			24	12	5.80	8.80	3-966292-1	100							
			28	18	5.80	8.80	3-966292-2	100							
Ivory	24	12	5.80	8.80	3-966292-1	100									
	28	18	5.80	8.80	3-966292-2	100									
25	4	Black	30	16	7.30	11.20	3-966292-3	50							
			36	22	7.30	11.20	3-966292-4	50							
35	2	Red	30	16	8.30	12.70	3-966292-5	50							
			39	25	8.30	12.70	3-966292-6	50							
50	1	Blue	36	20	10.30	15.00	3-966292-7	50							
			40	25	10.30	15.00	3-966292-8	50							

(1) Ferrules are delivered in 10 strips of 50 parts.

(2) This tool is not available at TE. Please contact your local distributor.

Insulated Double Wire Ferrules

from 0.50 mm² to 6 mm² - 20 to 6 AWG



Wire size		Color	L1	L2	D1	D2	D3	Part Number	Package	CSA	Side Entry Hand tool	Front Entry Hand tool
mm ²	AWG								Quantity			
2x 0.50	2x20	Orange	15	8	1.40	2.50	4.70	1-966289-4	1000		539660-1	6-1579014-5
			15	8	1.40	2.50	4.70	1-966144-4	500	CSA		
		White	15	8	1.40	2.50	4.70	966144-1	500	CSA		
			15	8	1.40	2.50	4.70	966289-1	1000			
2x 0.75	2x18	Blue	15	8	1.70	2.80	5.00	1-966289-5	1000		539660-1	6-1579014-5
			17	10	1.70	2.80	5.00	1-966144-7	500	CSA		
			17	10	1.70	2.80	5.00	1-966289-7	1000			
		Grey	15	8	1.70	2.80	5.00	966144-2	500	CSA		
			15	8	1.70	2.80	5.00	966289-2	1000			
		White	17	10	1.70	2.80	5.00	966144-3	500	CSA		
			15	8	1.70	2.80	5.00	1-966289-6	1000			
			17	10	1.70	2.80	5.00	1-966144-8	500	CSA		
2x 1.0	2x17	Red	15	8	1.95	3.40	5.40	966144-4	500	CSA	539660-1	6-1579014-5
			17	10	1.95	3.40	5.40	966144-5	500	CSA		
		Yellow	15	8	1.95	3.40	5.40	1-966289-9	1000			
			15	8	1.95	3.40	5.40	1-966144-9	500	CSA		
			17	10	1.95	3.40	5.40	2-966144-0	500	CSA		
			17	10	1.95	3.40	5.40	2-966289-0	1000			
2x1.50	2x16	Black	16	8	2.20	3.60	6.60	966144-6	500	CSA	539660-1	6-1579014-5
			20	12	2.20	3.60	6.60	966144-7	500	CSA		
		Red	16	8	2.20	3.60	6.60	2-966144-1	500	CSA		
			20	12	2.20	3.60	6.60	2-966144-2	500	CSA		
2x2.50	2x14	Blue	18.5	10	2.80	4.20	7.80	966144-8	250	CSA	539660-1	6-1579014-5
			18.5	10	2.80	4.20	7.80	966289-8	1000			
			21.5	13	2.80	4.20	7.80	966144-9	250	CSA		
		Grey	21.5	13	2.80	4.20	7.80	966289-9	1000			
			18.5	10	2.80	4.20	7.80	2-966289-3	1000			
			21.5	13	2.80	4.20	7.80	2-966144-4	250	CSA		
2x4	2x12	Grey	23	12	3.70	4.90	8.80	1-966144-0	100	CSA	Tool from alternative manufacturer: Klauke K28 ⁽¹⁾	
		Orange	23	12	3.70	4.90	8.80	2-966144-5	100	CSA		
2x6	2x10	Green	26	14	4.80	6.90	10.00	2-966144-6	100	CSA		
		Yellow	26	14	4.80	6.90	10.00	1-966144-1	100	CSA		
2x10	2x8	Red	26	14	6.40	7.20	13.00	1-966144-2	100	CSA		
		Brown	26	14	6.40	7.20	13.00	2-966144-8	100	CSA		
2x16	2x6	Blue	30	14	8.20	9.60	18.40	1-966144-3	50	CSA		

(1) This tool is not available at TE. Please contact your local distributor.

MANUAL HAND TOOLING

The tools below are compatible for all the ferrules mentioned in this brochure (with respect to their maximum wire capacity).

Side entry tool

Part Nbr.: 539660-1



- For 0.08 up to 10 mm² wire crimping
- Square crimp profile with 4 serrated crimp surfaces
- Certified for UL ⁽¹⁾ and CSA Applications.

Front entry tool

Part Nbr.: 6-1579014-5



- For 0.08 up to 16 mm² wire crimping
- Pre-selection of crimping wire ranges by a change over switch
- Releasable ratchet
- Square crimp profile with 4 serrated crimp surfaces
- Certified for UL ⁽¹⁾ and CSA applications.

(1) UL certification with wire end ferrules pending.

CONNECT WITH US

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Visit www.te.com/support to chat with a Product Information Specialist.

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