

# TWIST SPLICE WIRE CONNECTORS

TE Connectivity's (TE) wire connectors answer the need for inexpensive, insulated electrical terminations. They can be used in almost every type of residential and commercial application where multiple wires need to be brought together for a reliable termination. TE wire connectors, which include Wire Grip, Wing Grip, Twist Grip, Ground Grip and Cap Grip connectors, are designed to meet industry standard color-coding specifications and terminate the corresponding range of wire sizes. The screw-on wire connectors contain a live-action square spring which draws wires deep into the spring for a safe, positive "grip" of the wires.



## Applications

- Lighting installation
- Residential building wiring
- Building equipment

## Electrical

- Rated up to 600 volt max for building wiring
- Up to 1000 volt max in lighting fixtures/luminaires and signs

## Mechanical

- Operating Temperature: 105° C (221°F)
- Designed for copper-copper wires only

## Specifications

- UL 486C
- CSA 22.2. NO. 188 Certified

## Materials

- UL94V-2 flame-retardant thermoplastic

## Key Benefits

- Terminate multiple wire gauges into single splice
- Tool-less twist grip termination
- Color-coded to industry standard for sizes 22-8 AWG

## Family of Products



Wiregrip  
Connectors



Winggrip



Twistgrip



Groundgrip



Capgrip

Product Selection Information

Series	Color	WIRE RANGE (AWG)	WIRE COMBINATION		Description	TE Part Number
			Min	Max		
Wire Grip	Gray	22 - 14	2 #22	1 #16 w/1 #18 w/1 #20	CPGI-WC-WG-GR	<a href="#">2299502-1</a>
	Blue	22 - 14	2 #22	3 #16	CPGI-WC-WG-BL	<a href="#">2299501-1</a>
	Orange	22 - 14	1 #18 w/1 #20	4 #16 w/1 #20	CPGI-WC-WG-OR	<a href="#">2299503-1</a>
	Yellow	22 - 10	3 #20 Sol	2 #12 w/2 #14	CPGI-WC-WG-YW	<a href="#">2299505-1</a>
	Red	22 - 10	3 #18	2 #10 Sol w/2 #12 Str	CPGI-WC-WG-RD	<a href="#">2299504-1</a>
Ground Grip	Green	14 - 10	2 #14	5 #12	CPGI-WC-GG-GN	<a href="#">2299511-1</a>
Twist Grip	Tan	22 - 8	3 #22 Sol	4 #12	CPGI-WC-TG-TN	<a href="#">2299510-1</a>
	Gray	18 - 8	3 #14 w/1 #18	3 #10	CPGI-WC-TG-GR	<a href="#">2299509-1</a>
Wing Grip	Yellow	18 - 10	2 #18	3 #12 Sol	CPGI-WC-WNG-YW	<a href="#">2299508-1</a>
	Red	18 - 8	3 #16	5 #12 Sol	CPGI-WC-WNG-RD	<a href="#">2299507-1</a>
	Blue	14 - 6	2 #10 w/1 #12	3 #8 w/1 #12	CPGI-WC-WNG-BL	<a href="#">2299506-1</a>
Cap Grip	Yellow	22 - 10	4 #22	3 #12	CPGI-WC-CG-YW	<a href="#">2299513-1</a>
	Red	22 - 6	3 #20	1 #8 w/3 #12 Str	CPGI-WC-CG-RD	<a href="#">2299512-1</a>

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