

## 3M™ Wire Connectors 312, 512 and 512G

The quick-spin, wing-torque design of 3M™ Wire Connector 312 and 512 is easy on your fingers. The day's last connection will feel almost as good as the first. Generous expansion room accommodates a wide range of solid or stranded wire. Use the 312 (yellow) connector for wire combinations from 3 #20 to 3 #12 AWG, and the 512 (red) connector for 2 #18 to 5 #12 AWG. The 512G (green) connector is used for grounding connections.

Connection Type	Wire
Connector Style	Twist On
Maximum Voltage Rating	600 V (1000 V in signs, lighting fixtures and luminaries)
Operating Temperature	221°F (105°C)
RoHS 2011/65/EU	Yes
Agency Approval	 
Country of Origin	

	312-POUCH	312-BAG	312-KEG	512-POUCH
				
UPC	054007-08159	054007-08160	051128-56280	054007-08161
Color	Yellow	Yellow	Yellow	Red
Conductor Size	22–10 AWG	22–10 AWG	22–10 AWG	22–8 AWG
Flame Retardant	Yes	Yes	Yes	Yes
Connectors per Carton	100	500	-	100
Connectors per Case	1000	10,000	25,000	1000
	512-BAG	512-KEG	512G-BAG	512G-POUCH
				
UPC	054007-08162	051128-56281	054007-50232	051128-59098
Color	Red	Red	Green	Green
Conductor Size	22–8 AWG	22–8 AWG	14–10 AWG	14–10 AWG
Flame Retardant	Yes	Yes	Yes	Yes
Connectors per Carton	500	-	500	100
Connectors per Case	10,000	25,000	10,000	1,000