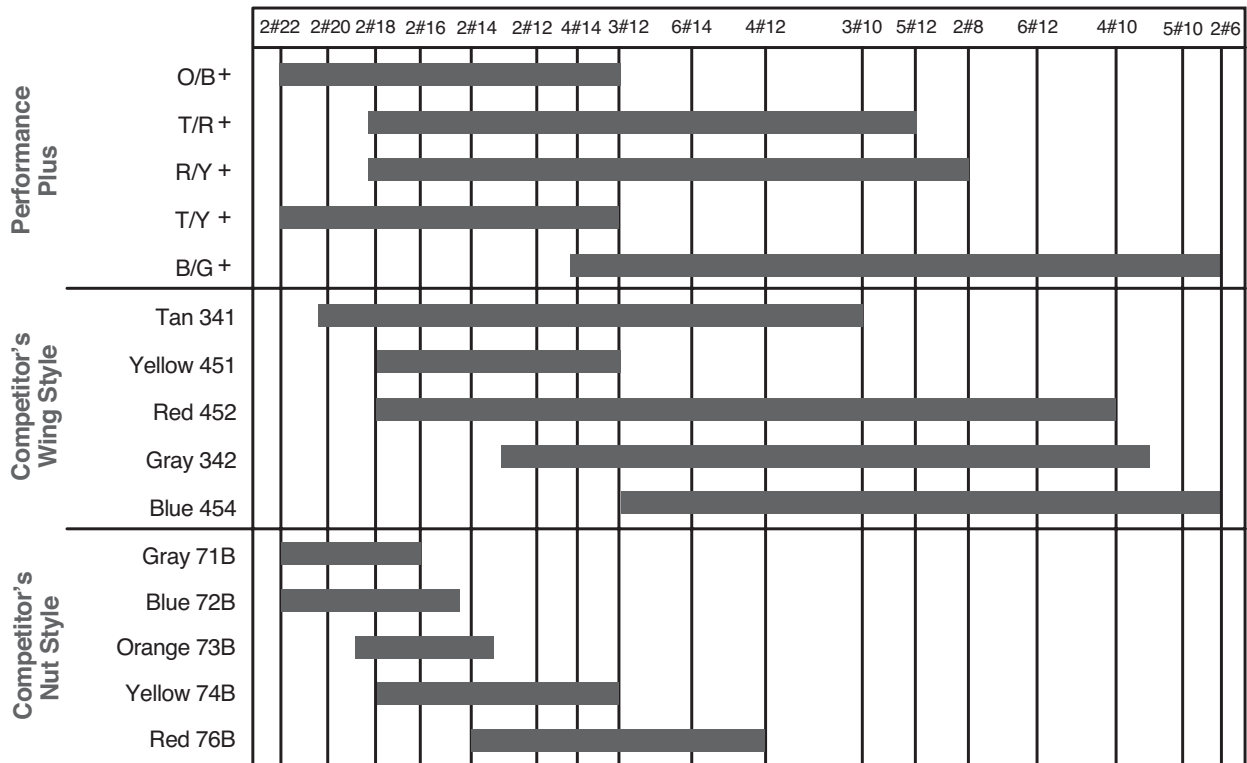


SPRING CONNECTORS

FEATURES	ADVANTAGES	BENEFITS
3M™ PERFORMANCE PLUS WIRE CONNECTORS (T/R+, T/Y+, O/B+, R/Y+, B/G+)		
Wires feed deeper	Increases level of pull-out	Security
Wide wire ranges	Three connectors replace seven	Saves time and cost effective
Flexible skirt	Covers overstripped wires	Safety
New internal design	Smoother and faster installation	Improves quality and saves time
3M ELECTRICAL SPRING AND GROUNDING CONNECTORS (312, 412, 512, 512G)		
Hard shell	Easy to grip	Easy to use
Wings	Easy to turn	Easy to use
3M HIGHLAND™ WIRE CONNECTORS (H-29, H-30, H-31, H-33, H-35)		
Low price	Economical	Cost effective

Wire Range for 3M Performance Plus Wire Connectors



3M™ Wire Connectors for Residential

Specifically created for the residential markets, the T/R+ replaces the yellow, tan and red connectors in the majority of field applications. T/Y+ replaces the yellow, orange, blue and gray wire nuts in most applications. Use the 412 (tan) connector for wire combinations from 2 #20 to 3 #10 AWG. This simplifies selection of the right connector for a wide range of wiring jobs. There's also less inventory to manage, and a better chance you'll have the connector you need to do every job.



Connection Type Wire

Connector Style Twist On

Flame Retardant Yes

Maximum Voltage 600 V (1000 V in signs, lighting fixtures and luminaires)

Operating Temperature 221°F (105°C)

RoHS 2011/65/EU No

	T/R+BOX	T/R+JUG	T/R+KEG	T/Y+BOX
UPC	051128-54454	051128-54455	051128-54456	051128-55218
Color	Tan/Red	Tan/Red	Tan/Red	Tan/Yellow
Conductor Size	22-8 AWG	22-8 AWG	22-8 AWG	22-12 AWG
Agency Approval				
Connectors per Carton	100	750	-	100
Connectors per Case	1000	6000	25,000	1000
	T/Y+JUG	T/Y+KEG	412-BOX	412-BULK
UPC	051128-55219	051128-58623	051128-54451	051128-54452
Color	Tan/Yellow	Tan/Yellow	Tan	Tan
Conductor Size	22-12 AWG	22-12 AWG	22-10 AWG	22-10 AWG
Agency Approval				
Connectors per Carton	500	-	100	500
Connectors per Case	10,000	40,000	1000	10,000