Wire Connectors

Wire Connectors

UL

FEATURES

- Molded of rugged, impact-resistant thermoplastic.
- Helical tin-plated spring assures secure connection.
- Heavy ribbed body for easy gripping.
- Suitable for solid or stranded copper wire.
- Temperature rating of 105°C.

Twist-On Wire Connectors

Description/Wire Sizes	Building Wire	Signs and Fixtures	Color	Catalog No.
Small #18 & #16	300V	300V	Orange / Black	33-3 / 33
Medium #18 to #12	600V	1000V	Yellow / Black	44-3 / 44
Large #18 to #10	600V	1000V	Red / Black	66-3 / 66
Jumbo #14 to #8	600V	1000V	Gray / Black	99-3 / 99

66-3

INDUSTRIAL
COMMERCIAL
RESIDENTIAL

V-6
ELECTRICAL
ACCESSORIES

Wire Connectors Chart

Dimensions, Numbers and Sizes of Wire Accommodated

Except as noted, combinations are for solid or stranded copper wires.

Size	Cat.No./Color	Strip Wires	#8	#10	#12	#14	#16	#18
Jumbo 0.734" (18.65mm) x 1.25" (31.75mm)	99 Black or 99-3 Gray	0.75" (19.05mm)	1 with	1	or 1	or 2		
				2 to 3	or 3 to 4	or 5	–	–
				1 with	2	or 3		
				2 with	1	or 1		
			–		1 Sol. with	4 Sol.		
					1 with	3		
					2 with	2		
					3 with	1		
Large 0.656" (16.668mm) x 1.0625" (26.987mm)	66 Black or 66-3 Red	Solid 0.50" (12.70mm) Strand 0.75" (19.05mm)		2	or 2 to 3	or 2 to 4 Sol.	–	or 6 Sol.
				1 Sol. with	–	2 Sol.	or 1 to 3 Sol.	–
				1 Sol. with	–	–	1 to 4 Sol.	–
			–	1 with	–	–	or 1 to 3	–
				2 Sol. with	–	–	1 Sol.	–
					1 with	2	or 2 to 4	–
				–	2 with	1	or 2	or 2
					3 Sol.	–	–	–
					3 with	1	or 1
Medium 0.531" (13.49mm) x 0.906" (23.019mm)	44 Black or 44-3 Yellow	#16 & #18 Strand 0.4375" (11.112mm) Others 0.375" (9.525mm)			–	2 to 3 Sol.	or 2 to 4	or 3 to 5
					1 with	–	1	or 1
					1 Sol. with	–	2 Sol.	–
			–	–		1 with	1 to 2	or 1 to 2
						2	–	–
						–	1 to 2 with	2
					–	–	2 with	1 to 2
					–	–	1 to 3 Sol. with	1 Sol.
					–	–	1 with	1 to 3
Small 0.4375" (11.112mm) x 0.75" (19.05mm)	33 Black or 33-3 Orange	#16 or #18 Strand 0.5625" (14.288mm) Others 0.50" (12.70mm)				–	2 to 3	or 2 to 5
			–	–	–	1 with	1	or 1 to 3
							1 with	3 to 4
							1 to 2 with	1 to 2
							–	–

TESTING & CODE COMPLIANCE
· UL Listed (file no. E5981).

MATERIAL CHARACTERISTICS
Meets flammability requirements per UL 94, VO rated. Temperature Rating: -20°C to 60°C.