

Butt Splice Wire Connectors



Butt splice wire connectors create permanent in-line connections between two or more conductors to extend or terminate electrical and ground connections in applications such as automotive systems, appliances, and machinery.

Insulation Type	Brand	Red				Blue				Yellow											
		Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.								
Insulated Crimp-On Butt Splice Connectors																					
Heat Shrink	Panduit	22 AWG	18 AWG	39AY20	25	16 AWG	14 AWG	39AY19	25	12 AWG	10 AWG	39AY18	20								
		Power First	22 AWG	16 AWG	4FRE8	25	16 AWG	14 AWG	4FRE7	25	12 AWG	10 AWG	4FRE6	25							
Nylon	3M	22 AWG	18 AWG	5HE62	100	16 AWG	14 AWG	5HE63	100	12 AWG	10 AWG	5HE64	50								
		Panduit	22 AWG	18 AWG	39AY25	100	16 AWG	14 AWG	39AY23	100	12 AWG	10 AWG	39AY22	50							
		Sta-Kon	22 AWG	18 AWG	3KF22	100	16 AWG	14 AWG	3KF23	100	12 AWG	10 AWG	3KF24	50							
Vinyl	Power First	22 AWG	16 AWG	4FRH9	100	16 AWG	14 AWG	4FRJ1	100	12 AWG	10 AWG	4FRL5	50								
		8 AWG	8 AWG	5WHG8	25	6 AWG	6 AWG	4FRD9	20	4 AWG	4 AWG	4FRE1	20								
		Sta-Kon	22 AWG	18 AWG	4RHE5	100	16 AWG	14 AWG	4RHE6	100	12 AWG	10 AWG	4RHE7	50							
		22 AWG - 16 AWG				16 AWG - 14 AWG				14 AWG - 10 AWG				8 AWG				6 AWG			
Brand		Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.
Non-Insulated Crimp-On Butt Splice Connectors																					
3M						12 AWG	10 AWG	2JLL1	500	8 AWG	8 AWG	2JJZ1	200	6 AWG	6 AWG	2JLT8	200				
Panduit		22 AWG	18 AWG	39AY17	100	16 AWG	14 AWG	39AY15	100	12 AWG	10 AWG	39AY14	50								
Power First		22 AWG	16 AWG	4FRG7	100	16 AWG	14 AWG	4FRG8	100	12 AWG	10 AWG	4FRG9	50								
Sta-Kon		22 AWG	18 AWG	3VRW2	100	18 AWG	14 AWG	3VRW3	100	12 AWG	10 AWG	3VRW4	50								



Nylon Insulated SHE62



Vinyl Insulated 4FRL5



Noninsulated 4FRG7

Pin Terminals



Terminals have rod-shaped terminals that plug into terminal blocks and other receptacle-type devices that use setscrews or clamps.

Insulation Type	Brand	Blue 16 to 14 AWG and 22 to 16 AWG				Red 12 to 10 AWG and 8 AWG				Yellow 12 to 10 AWG and 16 to 14 AWG					
		Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.		
Insulated Crimp-On Butt Splice Connectors															
Heat Shrink	Power First	22 AWG	14 AWG	5UGV1	50					16 AWG	10 AWG	5UGV2	50		
		Vinyl	Power First	22 AWG	14 AWG	5UGU8	100	12 AWG	8 AWG	5UGV0	50	16 AWG	10 AWG	5UGU9	100
Insulated Pin Terminals															
Vinyl	Power First	22 AWG	16 AWG	5UGP3	100	16 AWG	14 AWG	5UGP4	100	12 AWG	10 AWG	5UGP5	50		
		Nylon	3M	22 AWG	18 AWG	3RWL9	100	16 AWG	14 AWG	3RWN1	100	12 AWG	10 AWG	3RWN2	50
		Vinyl	Sta-Kon	22 AWG	18 AWG	4RHE8	100	16 AWG	14 AWG	4RHE9	100	12 AWG	10 AWG	4RHF1	50
		22 AWG - 16 AWG				16 AWG - 14 AWG				12 AWG - 10 AWG					
Brand		Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.	Min. Wire Size	Max. Wire Size	Item No.	Pkg. Qty.		
Non-Insulated Pin Terminals															
Power First		22 AWG	16 AWG	5UGP6	100	16 AWG	14 AWG	5UGP7	100	12 AWG	10 AWG	5UGP8	50		



3RWN1



5UGP7



Grounding Pigtail 4FA29



Pigtail Connector 10K069



Grounding Tails and Pigtails

Solid and stranded pigtail lead wires are convenient for device grounding applications.

Description	Color	Item No.	Pkg. Qty.
Grounding Pigtail			
8" 12 AWG Solid w/Loop and Ground Screw to Stripped End	Green	4FA29	50
8" 12 AWG Solid w/Loop and Ground Screw to Stripped End	Green	10K060	100
8 in 12 AWG Stranded w/#10 Ring and Ground Screw to #10 Fork	Green	10K061	25
8 in 12 AWG Stranded w/#10 Ring and Ground Screw to #10 Fork	Green	10K062	50
12 AWG 2-Wire Stranded w/#10 Ring and Ground Screw to Stripped End and #10 Fork	Green	10K064	25
12 AWG 2-Wire Stranded w/#10 Ring and Ground Screw to (2) #10 Fork	Green	10K065	25
12 AWG 3-Wire Stranded w/#10 Ring and Ground Screw to Stripped End and (2) #10 Fork	Green	10K066	25
Grounding Screw			
Ground Screw, Thread Forming, Combination Hex Head	Green	10K067	100
Pigtail Connector			
8" 12 AWG Stranded w/#10 Fork to Stripped End	Black	10K069	25
8" 12 AWG Stranded w/#10 Fork to Stripped End	White	10K070	25
8" 12 AWG Stranded w/#10 Fork to Stripped End	Green	10K071	25



Closed End Connectors

- Nylon insulation
- Max. operating temp. 221 °F
- Max. 600 VAC

Create permanent connections between one or more wires using crimping tools to extend or cap off live connections. Also known as wire joints, they have compact sizes ideal for confined spaces such as outlets, lighting fixtures, and machinery



4X839



39AY84

Min. Wire Combination	Max. Wire Combination	Item No.	Pkg. Qty.
3M			
(1) 22 AWG with (1) 12 AWG	(3) 16 AWG	4X839	50
(2) 22 AWG	(3) 20 AWG	4X294	100
IDEAL			
(1) 22 AWG with (1) 18 AWG	(1) 16 AWG with (1) 12 AWG	6LU60	100
(1) 22 AWG with (1) 18 AWG	(1) 16 AWG with (1) 12 AWG	6YH45	1000
(2) 22 AWG	(4) 18 AWG	6YH44	1000
(4) 16 AWG	(1) 12 AWG with (4) 14 AWG	6LU61	1000
(4) 16 AWG	(1) 12 AWG with (4) 14 AWG	6YH46	1000
Panduit			
(2) 12 AWG	(4) 18 AWG	39AY84	100
Power First			
(2) 14 AWG	(1) 18 AWG with (3) 20 AWG	4FRJ3	50
(2) 22 AWG	(1) 18 AWG with (3) 22 AWG	4FRH1	100