

Automatic splices and deadends

ATS Autoset® automatic splices



Make quick, dependable overhead tension splices and speed up installation time.

Blackburn® automatic connectors make fast and dependable overhead tension splices that take a bite out of installation time. The conductor simply slips into the color-coded, funnel-shaped end piece and automatically enters the pilot cup with a gentle push. The pilot cup guides the conductor past the unique serrated jaws and into the center of the connector. When the conductor meets the center stop, the pull-back locks it into position as the jaws firmly clamp down. The more pull, the more bite, which provides an instant, positive and automatic connection.

- Color-coded, funnel-shaped end pieces provide instant visual identification of maximum conductor size and swiftly guide conductor into position for insertion

- Pilot caps envelop cable strands and guide the conductors into the center of the splice
- Die-cast precision-made jaws provide optimum contact area for a greater range of conductor sizes
- Compression spring positions the jaw for positive conductor acceptance
- Tubular center stop automatically determines proper insertion length of both conductors
- High-strength aluminum-alloy tubing covers the connection for superior corrosion protection and long-lasting durability
- Color-coded tape enables identification of the minimum conductor size of wide-range connectors – it further eliminates errors and speeds up installations!

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Cat. no.	Conductor range (AWG or kcmil)			Decimal range	Color code	Overall length (in.)
	ACSR	AAAC	AAC			
ATS4-S	#4 ⁵ / ₁₆ , 7 ₁₆	#4	#4	0.232–0.260	4 – Orange	11.50
ATS4	#4 ⁵ / ₁₆ , 7 ₁₆	#4	#4	0.232–0.260	4 – Orange	13.75
ATS42	#4 ⁵ / ₁₆ , 7 ₁₆	#4–#2	#4–#2	0.232–0.332	4 – Orange, 2 – Red	13.75
ATS2	#2 ⁵ / ₁₆ , 7 ₁₆	#2	#2	0.292–0.332	2 – Red	13.75
ATS10	1/0 ⁵ / ₁₆	1/0	1/0	0.368–0.410	1/0 – Yellow	16.25
ATS1020	1/0 ⁵ / ₁₆	1/0–2/0	1/0–2/0	0.368–0.461	1/0 – Yellow, 2/0 – Gray	16.25
ATS20	2/0 ⁷ / ₁₆	2/0	2/0	0.414–0.461	2/0 – Gray	16.25
ATS30	3/0 ⁵ / ₁₆	3/0	3/0	0.461–0.522	3/0 – Black	16.25
ATS3040	3/0 ⁵ / ₁₆	3/0–4/0	3/0–4/0	0.461–0.575	3/0 – Black, 4/0 – Pink	23.50
ATS40	4/0 ⁵ / ₁₆	4/0	4/0	0.475–0.575	4/0 – Pink	23.50
ATS266336	266 ¹⁸ / ₁ , 266 ²⁶ / ₁₇ *, 336 ¹⁸ / ₁	312.8*	266–336	0.586–0.684	Green	23.50
ATS397477	336 ²⁶ / ₁₇ *, 397 ¹⁸ / ₁ , 397 ²⁶ / ₁₇ *, 477 ¹⁸ / ₁ *	394.5*	397–477	0.720–0.858	Blue	23.50

* Application limited to maximum 10,000 lb. tensile.