



C_ampact_el

AMPACT EL

AMPACT EL connectors are designed for use on a larger conductor that is used on transmission lines. AMPACT EL connectors can be used in high voltage applications up to 230 kV. 500 kV lines will require a corona ring. AMPACT EL connectors can be used on solid and stranded aluminum, aluminum alloy and stranded aluminum composite conductors including AAC, AAAC, ACSR, ACAR, AW, ACSR/AW and ACSS. Below are conductor combinations already available. Contact your TE representatives for your individual needs.

Selection Information

Catalog Number	Connector Description	Sum of Diameter	Large Groove	Small Groove
1443208-1	2500 AAC - 2500 AAC	3.648	1.824	1.824
1443209-1	1351.5 ACSR (54/19)-636 ACSR (26/7)	2.414	1.424	.099
109423-1	1590 AAC (61)-795 AAC (61)	2.482	1.454	1.028
276915-1	1590 ACSR (45/7)-1590 ACSR (45/7)	3.008	1.504	1.504
81673-1	1590 ACSR (45/7)-1272 ACSR (45/7)	2.849	1.504	1.345
81673-2	1590 ACSR (45/7)-795 ACSR (45/7)	2.567	1.504	1.063
81673-3	1590 ACSR (45/7)-336.4 ACSR (26/7)	2.225	1.504	0.721
83086-1	1590 ACSR (45/7)-336 ACSR (26/7)	2.225	1.504	0.721
83086-2	1590 ACSR (45/7)-4/0 AAC (SOL)	1.964	1.504	0.460
109424-1	1351.5 ACSR (54/19)-1351.5 ACSR (54/19)	2.848	1.424	1.424
109703-1	1351.5 ACSR (54/19)-397.5 ACSR (18/1)	2.167	1.424	0.743
276548-1	1843.2 ACSR (72/7)-795.5 ACSR (27/7)	2.712	1.604	1.108
602080-0	2500 AAC (X)-500 AAC (19), 500 CU (19)	2.635 2.634	1.824	0.811 0.810
602080-1	2500 AAC (X)-500 AAC (19), 500 CU (19)	2.635 2.634	1.824	0.811 0.810
109433-1	1272 ACSR (45/7)-954 ACSR (45/7)	2.510	1.345	1.165
276300-1	1272 ACSR (45/7), (36/1)-1272 ACSR (45/7), (36/1)	2.690 2.632	1.345 1.316	1.345 1.316
1443268-1	1272 ACSR (54/19)-1272 ACSR (54/19)	2.764	1.382	1.382
	850 mm ² HAL-660 mm ² HAL*	2.799	1.488	1.311
81698-1	2167 ACSR (72/7)-556.5 ACSR (24/7)	2.651	1.737	0.914
83861-1	143 AAC (61)-1272 ACSR (45/7)	2.724	1.379	1.345
1443259-1	1351.5 ACSR (54/19)-397.5 ACSR (18/1)	2.167	1.424	0.743

*Use yellow cartridge 69338-4, HAL - Hard Drawn Aluminum, use AMPACT tool 69611 to apply taps
Contact your TE sales representative for additional sizes.



C_ampact_hht

AMPACT HTT High Temperature Tap

To provide a new family of wedge technology products suitable for use on ACSS overhead lines operating at temperatures up to 250°C, TE Connectivity has developed a new contact-aid compound (corrosion inhibitor). This inhibitor compound is capable of sealing the electrical contact area of the connectors while exposed to high operating temperatures. This new compound is incorporated in TE's AMPACT HTT (high temperature tap), expanding the AMPACT connector family of products to provide increased reliability of connectors for ACSS applications.

- Synthetic lubricant will not degrade insulating materials. It is safe to use and will not damage conductor insulation.
- Integrated, large, hard, conductive metal alloy particles scrub the conductor during wedge travel, so the conductor is abraded during the connection installation process.
- Metal-to-metal contact areas are established and sealed.
- Wedge technology combined with a proprietary high-temperature corrosion inhibitor enhances connector reliability on ACSS conductors.
- Exceeds ANSI C119.4 AA standard current cycling test specifications
- Meets mechanical pull test and corrosion requirements
- Accommodates a wide range of cable diameters
- AMPACT HTT are installed with standard AMPACT tools.
- HT Inhibitor may be purchased separately for any HT application.

Selection Information

Catalog Number	Description	Size
1443316-2	AMPACT High Temperature Inhibitor	1-pound cartridge