

For ACSS and ACSS/TW Conductor



Why Use ACSS or ACSS/TW?

Demand for power continues to increase at an alarming rate, forcing utilities to put greater and greater electrical loads on their existing lines. However, most existing transmission circuits have been designed for operation at or below 93°C. ACSR, the most commonly used conductor, cannot handle the higher temperatures resulting from increased current loads. Additional transmission lines are not a cost effective alternative. With the increasing de-regulation pressures, rising construction costs, and right-of-way scarcity, another option is needed. In response to this need, ACSS and ACSS/TW conductors were developed. These conductors allow utilities to increase the amount of current up to 40%. Instead of building new transmission lines, new ACSS and ACSS/TW conductors can replace existing ACSR conductor, thus allowing utilities to increase energy output.

However, with the increased power from ACSS and ACSS/TW conductors, standard compression accessories could not handle the elevated temperatures and work loads. In response, AFL developed the HiTemp Product Line, consisting of compression and motion control accessories, pulling grips, and high temperature compounds.

Features

Engineered Solution

AFL has specially designed and engineered this product line to provide improved heat dissipation. The HiTemp Compression Accessories are designed to operate 25-30% cooler than the conductor, extending its life. The HiTemp product line is rated for operation up to 250°C.

Specially Tempered Aluminum

HiTemp Compression Accessories are fabricated from a specially tempered aluminum that will transfer elevated current and dissipate increased heat more efficiently.

High Strength Steel

The High Strength Steel Eyes and Sleeves maintain a permanent connection to the conductor core. The steel will not weaken at elevated temperatures and ensures 95% of the ASTM rated conductor strength.

Standard AH and SH Dies

The same AH and SH compression dies used on AFL's Standard Compression Accessories are used on HiTemp Compression Accessories.

HiTemp Motion Control

AFL has engineered a full line of motion control accessories for ACSS and ACSS/TW conductors. These accessories are designed to control aeolian vibration and wake-induced oscillation under the increased operating temperatures of ACSS and ACSS/TW conductors.

HiTemp AFL Filler Compound (AFCHT)

AFL has designed HiTemp AFL Filler Compound (AFCHT), a moisture inhibitor compound that will not deteriorate at the increased operating temperatures of ACSS and ACSS/TW conductors.

Proven Excellence

AFL designed the first accessories for ACSS, formally known as SSAC, in 1978. AFL has superior knowledge through years of experience to provide assistance on ACSS and ACSS/TW accessories.

Quick Reference Guide for ACSS Conductor

Code Word	Conductor			Compression Accessories Catalog Numbers												
	Size kcmil	Stranding Al/St	Dia. in	Dead End Assembly	Dead End Body - Single Tongue	Steel Eye	15° Terminal	Joint Assembly	Joint Aluminum Body	Joint Steel Sleeve	Jumper Connector	Straight Terminal	90° Terminal	Repair Sleeve	Open Run Tee Tap	Open Run Tee Connector
WoodCock/ACSS	336.4	22/7	0.701	E33109HT	8120.781CHT	9176.228	5120.781HT	33010HT	8020.781HT	4076.228	5020.781HT	5620.781HT	5820.781HT	5220.3HT	5320.3HT	5520.3-20.781HT
Linnet/ACSS	336.4	26/7	0.720	E33113HT	8120.812CHT	9110.277	5120.812HT	33014HT	8020.812HT	4010.277	5020.812HT	5620.812HT	5820.812HT	5220.3HT	5320.3HT	5520.3-20.812HT
Oriole/ACSS	336.4	30/7	0.741	E33114HT	8120.781CHT	9110.332	5120.781HT	33015HT	8020.781HT	4010.332	5020.781HT	5620.781HT	5820.781HT	5220.3HT	5320.3HT	5520.3-20.781HT
Ptarmigan/ACSS	397.5	20/7	0.752	E33115HT	8120.812CHT	9110.231	5120.812HT	33016HT	8020.812HT	4010.231	5020.812HT	5620.812HT	5820.812HT	5220.3HT	5320.3HT	5520.3-20.812HT
Brant/ACSS	397.5	24/7	0.772	E33116HT	8120.812CHT	9110.261	5120.812HT	33082HT	8020.812HT	4010.261	5020.812HT	5620.812HT	5820.812HT	5220.3HT	5320.3HT	5520.3-20.812HT
Ibis/ACSS	397.5	26/7	0.783	E33117HT	8120.844HT	9110.302	5120.844HT	33017HT	8020.844HT	4010.302	5020.844HT	5620.844HT	5820.844HT	5220.3HT	5320.3HT	5520.3-20.844HT
Lark/ACSS	397.5	30/7	0.806	E33118HT	8120.844HT	9112.359	5120.844HT	33018HT	8020.844HT	4012.359	5020.844HT	5620.844HT	5820.844HT	5220.3HT	5320.3HT	5520.3-20.844HT
Tailorbird/ACSS	477.0	20/7	0.823	E33119HT	8120.875HT	9210.231	5120.875HT	33019HT	8020.875HT	4010.231	5020.875HT	5620.875HT	5820.875HT	5220.3HT	5320.3HT	5520.3-20.875HT
Flicker/ACSS	477.0	24/7	0.846	E33120HT	8124.938HT	9110.295	5124.938HT	33021HT	8024.938HT	4010.295	5024.938HT	5624.938HT	5824.938HT	5224.3HT	5324.3HT	5524.3-24.938HT
Hawk/ACSS	477.0	26/7	0.858	E33121HT	8124.938HT	9112.332	5124.938HT	33022HT	8024.938HT	4012.332	5024.938HT	5624.938HT	5824.938HT	5224.3HT	5324.3HT	5524.3-24.938HT
Hen/ACSS	477.0	30/7	0.883	E33122HT	8124.938CHT	9212.397	5124.938HT	33023HT	8024.938HT	4012.397	5024.938HT	5624.938HT	5824.938HT	5224.3HT	5324.3HT	5524.3-24.938HT
Sapsucker/ACSS	556.5	22/7	0.901	E33123HT	8124.969HT	9210.277	5124.969HT	33024HT	8024.969HT	4010.277	5024.969HT	5624.969HT	5824.969HT	5224.3HT	5324.3HT	5524.3-24.969HT
Parakeet/ACSS	556.5	24/7	0.914	E33124HT	8124.969HT	9210.316	5124.969HT	33025HT	8024.969HT	4010.316	5024.969HT	5624.969HT	5824.969HT	5224.3HT	5324.3HT	5524.3-24.969HT
Dove/ACSS	556.5	26/7	0.927	E33125HT	8127.100HT	9212.359	5127.100HT	33026HT	8027.100HT	4012.359	5027.100HT	5627.100HT	5827.100HT	5227.3HT	5327.3HT	5527.3-27.100HT
Eagle/ACSS	556.5	30/7	0.953	E33126HT	8127.100CHT	9314.432	5127.100HT	33027HT	8027.100HT	4014.432	5027.100HT	5627.100HT	5827.100HT	5227.3HT	5327.3HT	5527.3-27.100HT
Peacock/ACSS	605.0	24/7	0.953	E33127HT	8127.100HT	9212.332	5127.100HT	33028HT	8027.100HT	4012.332	5027.100HT	5627.100HT	5827.100HT	5227.3HT	5327.3HT	5527.3-27.100HT
Squab/ACSS	605.0	26/7	0.966	E33128HT	8127.100HT	9212.377	5127.100HT	33029HT	8027.100HT	4012.377	5027.100HT	5627.100HT	5827.100HT	5227.3HT	5327.3HT	5527.3-27.100HT
Wood Duck/ACSS	605.0	30/7	0.994	E33130HT	8127.106HT	9314.441	5127.106HT	33086HT	8027.106HT	4014.441	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Teal/ACSS	605.0	30/19	0.994	E33129HT	8127.106HT	9314.441	5127.106HT	33030HT	8027.106HT	4014.441	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Goldfinch/ACSS	636.0	22/7	0.963	E33131HT	8127.106HT	9210.295	5127.106HT	33031HT	8027.106HT	4010.295	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Rook/ACSS	636.0	24/7	0.977	E33132HT	8127.106HT	9212.344	5127.106HT	33032HT	8027.106HT	4012.344	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Grosbeak/ACSS	636.0	26/7	0.990	E33133HT	8127.106HT	9212.386	5127.106HT	33033HT	8027.106HT	4012.386	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Scoter/ACSS	636.0	30/7	1.019	E33182HT	8127.106HT	9314.453	5127.106HT	33087HT	8027.106HT	4014.453	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Egret/ACSS	636.0	30/19	1.019	E33134HT	8127.106HT	9314.453	5127.106HT	33034HT	8027.106HT	4014.453	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Flamingo/ACSS	666.6	24/7	1.000	E33135HT	8127.106HT	9212.351	5127.106HT	33035HT	8027.106HT	4012.351	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Gannet/ACSS	666.6	26/7	1.014	E33183HT	8127.106HT	9314.397	5127.106HT	33036HT	8027.106HT	4014.397	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Stilt/ACSS	715.5	24/7	1.036	E33136HT	8130.109HT	9312.359	5130.109HT	33084HT	8030.109HT	4012.359	5030.109HT	5630.109HT	5830.109HT	5230.3HT	5330.3HT	5530.3-30.109HT
Starling/ACSS	715.5	26/7	1.051	E33137HT	8130.116HT	9314.406	5130.116HT	33037HT	8030.116HT	4014.406	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Redwing/ACSS	715.5	30/19	1.081	E33138HT	8130.116HT	9316.500	5130.116HT	33038HT	8030.116HT	4016.500	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Cuckoo/ACSS	795.0	24/7	1.092	E33141HT	8130.116HT	9312.386	5130.116HT	33085HT	8030.116HT	4012.386	5030.116HT	5630.116HT	5831.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Drake/ACSS	795.0	26/7	1.108	E33142HT	8130.122HT	9314.432	5130.122HT	33043HT	8030.122HT	4014.432	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Macaw/ACSS	795.0	42/7	1.055	E33144HT	8130.116HT	9310.261	5130.116HT	33041HT	8030.116HT	4010.261	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Tern/ACSS	795.0	45/7	1.063	E33140HT	8130.116HT	9310.277	5130.116HT	33040HT	8030.116HT	4010.277	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Condor/ACSS	795.0	54/7	1.092	E33141HT	8130.116HT	9312.386	5130.116HT	33042HT	8030.116HT	4012.386	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Mallard/ACSS	795.0	30/19	1.140	E33143HT	8130.122HT	9416.516	5130.122HT	33044HT	8030.122HT	4016.516	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Ruddy/ACSS	900.0	45/7	1.131	E33145HT	8130.122HT	9310.302	5130.122HT	33047HT	8030.122HT	4010.302	5030.122HT	5630.122HT	5831.122HT	5230.3HT	5330.3HT	5530.3-30.123HT
Canary/ACSS	900.0	54/7	1.162	E33146HT	8130.122HT	9414.406	5130.122HT	33046HT	8030.122HT	4014.406	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Comcrake/ACSS	954.0	20/7	1.165	E33147HT	8130.125HT	9412.309	5130.125HT	33045HT	8030.125HT	4012.309	5030.125HT	5630.125HT	5830.125HT	5230.3HT	5330.3HT	5530.3-30.125HT
Redbird/ACSS	954.0	24/7	1.196	E33184HT	8130.125HT	9414.422	5130.125HT	33088HT	8030.125HT	4014.422	5030.125HT	5630.125HT	5830.125HT	5230.3HT	5330.3HT	5530.3-30.125HT
Rail/ACSS	954.0	45/7	1.165	E33148HT	8130.122HT	9410.302	5130.122HT	33047HT	8030.122HT	4010.302	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Towhee/ACSS	954.0	48/7	1.175	E33149HT	8130.125HT	9412.344	5130.125HT	33089HT	8030.125HT	4012.344	5030.125HT	5630.125HT	5830.125HT	5230.3HT	5330.3HT	5530.3-30.125HT
Cardinal/ACSS	954.0	54/7	1.196	E33150HT	8130.125HT	9414.422	5130.125HT	33049HT	8030.125HT	4014.422	5030.125HT	5630.125HT	5830.125HT	5230.3HT	5330.3HT	5530.3-30.125HT
Canvasback/ACSS	954.0	30/19	1.248	E33151HT	8134.134CHT	E9718.578	5134.134HT	33090HT	8034.134HT	4018.578	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-30.134HT

QRG—HiTemp®

Quick Reference Guide for ACSS Conductor (cont.)

Code Word	Conductor			Compression Accessories Catalog Numbers												
	Size kcmil	Stranding Al/St	Dia. in	Dead End Assembly	Dead End Body - Single Tongue	Steel Eye	15° Terminal	Joint Assembly	Joint Aluminum Body	Joint Steel Sleeve	Jumper Connector	Straight Terminal	90° Terminal	Repair Sleeve	Open Run Tee Tap	Open Run Tee Connector
Snowbird/ACSS	1033.5	42/7	1.203	E33153HT	8134.128HT	9410.277	5134.128HT	33091HT	8034.128HT	4010.277	5034.128HT	5634.128HT	5834.128HT	5234.3HT	5334.3HT	5534.3-34.128HT
Ortolan/ACSS	1033.5	45/7	1.212	E33152HT	8134.134HT	9410.316	5134.134HT	33050HT	8034.134HT	4010.316	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Curlew/ACSS	1033.5	54/7	1.245	E33154HT	8134.134HT	9414.432	5134.134HT	33052HT	8034.134HT	4014.432	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Bluejay/ACSS	1113.0	45/7	1.259	E33155HT	8134.134HT	9412.332	5134.134HT	33053HT	8034.134HT	4012.332	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Finch/ACSS	1113.0	54/19	1.293	E33157HT	8134.138CHT	E9614.453	5134.138HT	33055HT	8034.138HT	4014.453	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Bunting/ACSS	1192.5	45/7	1.302	E33158HT	8134.138HT	E9512.344	5134.138HT	33056HT	8034.138HT	4012.344	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Grackle/ACSS	1192.5	54/19	1.338	E33159HT	8136.144CHT	E9614.453	5136.144HT	33058HT	8036.144HT	4014.453	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.6-36.144HT
Blittern/ACSS	1272.0	45/7	1.345	E33161HT	8136.144HT	E9512.351	5136.144HT	33059HT	8036.144HT	4012.351	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT
Diver/ACSS	1272.0	48/7	1.357	E33162HT	8136.144CHT	E9614.406	5136.144HT	33054HT	8036.144HT	4014.406	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT
Pheasant/ACSS	1272.0	54/19	1.382	E33163HT	8136.147HT	E9616.500	5136.147HT	33061HT	8036.147HT	4016.500	5036.147HT	5636.147HT	5836.147HT	5236.3HT	5336.3HT	5536.3-36.147HT
Dipper/ACSS	1351.5	45/7	1.386	E33164HT	8136.147HT	E9612.377	5136.147HT	33062HT	8036.147HT	4012.377	5036.147HT	5636.147HT	5836.147HT	5236.3HT	5336.3HT	5536.3-36.147HT
Martin/ACSS	1351.5	54/19	1.424	E33166HT	8138.156HT	E9616.500	5138.156HT	33064HT	8038.156HT	4016.500	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Bobolink/ACSS	1431.0	45/7	1.427	E33167HT	8138.150HT	E9612.377	5138.150HT	33065HT	8038.150HT	4012.377	5038.150HT	5638.150HT	5838.150HT	5238.3HT	5338.3HT	5538.3-38.150HT
Plover/ACSS	1431.0	54/19	1.465	E33169HT	8138.156HT	E9616.516	5138.156HT	33067HT	8038.156HT	4016.516	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Nuthatch/ACSS	1510.0	45/7	1.466	E33170HT	8138.156HT	E9612.386	5138.156HT	33068HT	8038.156HT	4012.386	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.157HT
Parrot/ACSS	1510.0	54/19	1.505	E33172HT	8140.162HT	E9616.531	5140.162HT	33070HT	8040.162HT	4016.531	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Ratite/ACSS	1590.0	42/7	1.492	E33171HT	8140.162HT	E9612.344	5140.162HT	33069HT	8040.162HT	4012.344	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Lapwing/ACSS	1590.0	45/7	1.504	E33173HT	8140.162HT	E9612.397	5140.162HT	33071HT	8040.162HT	4012.397	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Falcon/ACSS	1590.0	54/19	1.544	E33174HT	8140.162HT	E9718.546	5140.162HT	33072HT	8040.162HT	4018.546	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Chukar/ACSS	1780.0	84/19	1.602	E33175HT	8142.178HT	E9714.453	5142.178HT	33073HT	8042.178HT	4014.453	5042.178HT	5642.178HT	5842.178HT	5242.3HT	5342.3HT	5542.3-42.178HT
Mockingbird/ACSS	2034.5	72/7	1.681	E33176HT	8142.178CHT	E9814.359	5142.178HT	33074HT	8042.178HT	4014.359	5042.178HT	5642.178HT	5842.178HT	5242.3HT	5342.3HT	5542.3-42.178HT
Roadrunner/ACSS	2057.0	76/19	1.700	E33177HT	8142.178CHT	E9814.422	5142.178HT	33075HT	8042.178HT	4014.422	5042.178HT	5642.178HT	5842.178HT	5242.3HT	5342.3HT	5542.3-42.178HT
Bluebird/ACSS	2156.0	84/19	1.762	E33178HT	8144.184HT	E9816.516	5144.184HT	33076HT	8044.184HT	4016.516	5044.184HT	5644.184HT	5844.184HT	5244.3HT	5344.3HT	5544.3-44.184HT
Kiwi/ACSS	2167.0	72/7	1.737	E33179HT	8144.181HT	E9812.377	5144.181HT	33077HT	8044.181HT	4012.377	5044.181HT	5644.181HT	5844.181HT	5244.3HT	5344.3HT	5544.3-44.181HT
Thrasher/ACSS	2312.0	76/19	1.802	E33180HT	8144.188HT	E9814.422	5144.188HT	33078HT	8044.188HT	4014.422	5044.188HT	5644.188HT	5844.188HT	5244.3HT	5344.3HT	5544.3-44.188HT
Joreel/ACSS	2515.0	76/19	1.880	E33181HT	8148.197HT	E9814.453	5148.197HT	33080HT	8048.197HT	4014.453	5048.197HT	5648.197HT	5848.197HT	5248.3HT	5348.3HT	5548.3-48.197HT

Quick Reference Guide for ACSS/TW Conductor

Conductor					Compression Accessories Catalog Numbers												
Code Name	Size	Type	Stranding	Dia.	Dead End Assembly	Dead End Body-Single Tongue	Steel Eye	15° Terminal	Joint Assembly	Joint Aluminum Body	Joint Steel Sleeve	Jumper Connector	Straight Terminal	90° Terminal	Repair Sleeve	Open Run Tee Tap	Open Run Tee Connector
	kcml																
Oriole/ACSS/TW	336.4	23	18/7	0.693	E440693HT	8120.781HT	9110.332	5120.781HT	420693HT	8020.781HT	4010.332	5020.781HT	5620.781HT	5820.781HT	5220.3HT	5320.3HT	5520.3-20.781HT
Flicker/ACSS/TW	477.0	13	18/7	0.776	E440776HT	8124.938HT	9110.295	5124.938HT	420776HT	8024.938HT	4010.240	5024.938HT	5624.938HT	5824.938HT	5224.3HT	5324.3HT	5524.3-24.938HT
Hawk/ACSS/TW	477.0	16	18/7	0.789	E440789HT	8124.938HT	9112.332	5124.938HT	420789HT	8024.938HT	4012.332	5024.938HT	5624.938HT	5824.938HT	5224.3HT	5324.3HT	5524.3-24.938HT
Hen/ACSS/TW	477.0	23	18/7	0.825	E440825HT	8124.938CHT	9212.397	5124.938HT	420825HT	8024.938HT	4012.397	5024.938HT	5624.938HT	5824.938HT	5224.3HT	5324.3HT	5524.3-24.938HT
Parakeet/ACSS/TW	556.5	13	18/7	0.835	E440835HT	8124.969HT	9210.316	5124.969HT	420835HT	8024.969HT	4010.316	5024.969HT	5624.969HT	5824.969HT	5224.3HT	5324.3HT	5524.3-24.969HT
Dove/ACSS/TW	556.5	16	20/7	0.852	E440852HT	8124.969HT	9212.359	5124.969HT	420852HT	8024.969HT	4012.359	5024.969HT	5624.969HT	5824.969HT	5224.3HT	5324.3HT	5524.3-24.969HT
Calumet/ACSS/TW	565.3	16	18/7	0.858	E440858HT	8124.969HT	9212.359	5124.969HT	420858HT	8024.969HT	4012.359	5024.969HT	5624.969HT	5824.969HT	5224.3HT	5324.3HT	5524.3-24.969HT
Mohawk/ACSS/TW	571.7	13	18/7	0.846	E440846HT	8124.969HT	9212.332	5124.969HT	420846HT	8024.969HT	4012.332	5024.969HT	5624.969HT	5824.969HT	5224.3HT	5324.3HT	5524.3-24.969HT
Rook/ACSS/TW	636.0	13	19/7	0.890	E440890HT	8127.106HT	9212.344	5127.106HT	42089HT	8027.106HT	4012.344	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Grosbeak/ACSS/TW	636.0	16	20/7	0.908	E440908HT	8127.106HT	9212.386	5127.106HT	420908HT	8027.106HT	4012.386	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Scoter/ACSS/TW	636.0	23	18/7	0.953	E440953HT	8127.106HT	9214.484	5127.106HT	420953HT	8027.106HT	4014.484	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Oswego/ACSS/TW	664.8	16	20/7	0.927	E440927HT	8127.106CHT	9312.391	5127.106HT	420927HT	8027.106HT	4012.391	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Mystic/ACSS/TW	666.6	13	20/7	0.913	E440913HT	8127.106CHT	9312.351	5127.106HT	420913HT	8027.106HT	4012.351	5027.106HT	5627.106HT	5827.106HT	5227.3HT	5327.3HT	5527.3-27.106HT
Wabash/ACSS/TW	762.8	16	20/7	0.990	E440990HT	8130.116HT	9314.432	5130.116HT	420990HT	8030.116HT	4014.432	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Maumee/ACSS/TW	768.2	13	20/7	0.977	E440977HT	8130.116HT	9314.381	5130.116HT	420977HT	8030.116HT	4014.381	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Turn/ACSS/TW	795.0	7	17/7	0.960	E440960HT	8130.116HT	9310.277	5130.116HT	420960HT	8030.116HT	4010.277	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Puffin/ACSS/TW	795.0	10	18/7	0.980	E440980HT	8130.116HT	9312.351	5130.116HT	420980HT	8030.116HT	4012.351	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Condor/ACSS/TW	795.0	13	20/7	0.993	E440993HT	8130.116HT	9312.386	5130.116HT	420993HT	8030.116HT	4012.386	5030.116HT	5630.116HT	5830.116HT	5230.3HT	5330.3HT	5530.3-30.116HT
Drake/ACSS/TW	795.0	16	20/7	1.010	E441010HT	8130.122HT	9314.432	5130.122HT	421010HT	8030.122HT	4014.432	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Canary/ACSS/TW	900.0	13	30/7	1.055	E441080HT	8130.122HT	9414.406	5130.122HT	421080HT	8030.122HT	4014.406	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Fraser/ACSS/TW	946.7	10	35/7	1.077	E441077HT	8130.122HT	9412.359	5130.122HT	421077HT	8030.122HT	4012.359	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Phoenix/ACSS/TW	954.0	5	30/7	1.044	E441044HT	8130.122HT	9412.277	5130.122HT	421044HT	8030.122HT	4012.277	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Rail/ACSS/TW	954.0	7	32/7	1.061	E441061HT	8130.122HT	9410.323	5130.122HT	421061HT	8030.122HT	4010.323	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Cardinal/ACSS/TW	954.0	13	20/7	1.084	E441084HT	8130.125HT	9414.422	5130.125HT	421084HT	8030.125HT	4014.422	5030.125HT	5630.125HT	5830.125HT	5230.3HT	5330.3HT	5530.3-30.125HT
Kettle/ACSS/TW	957.2	7	32/7	1.060	E441060HT	8130.122HT	9412.316	5130.122HT	421060HT	8030.122HT	4012.316	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Suwannee/ACSS/TW	959.6	16	22/7	1.108	E441108HT	8130.122HT	9314.453	5130.122HT	421108HT	8030.122HT	4014.453	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Columbia/ACSS/TW	966.2	13	21/7	1.092	E441092HT	8130.122HT	9414.441	5130.122HT	421092HT	8030.122HT	4014.441	5030.122HT	5630.122HT	5830.122HT	5230.3HT	5330.3HT	5530.3-30.122HT
Snowbird/ACSS/TW	1033.5	5	30/7	1.089	E441089HT	8134.128HT	9412.277	5134.128HT	421089HT	8034.128HT	4012.277	5034.128HT	5634.128HT	5834.128HT	5234.3HT	5334.3HT	5534.3-34.128HT
Ortolan/ACSS/TW	1033.5	7	32/7	1.102	E441102HT	8134.128HT	9410.324	5134.128HT	421102HT	8034.128HT	4010.324	5034.128HT	5634.128HT	5834.128HT	5234.3HT	5334.3HT	5534.3-34.128HT
Curlew/ACSS/TW	1033.5	13	22/7	1.128	E441128HT	8134.134CHT	E9614.441	5134.134HT	421128HT	8034.134HT	4014.441	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
—	1080.0	7	20/7	1.131	E441131HT	8134.128HT	9412.332	5134.128HT	421131HT	8034.128HT	4012.332	5034.128HT	5634.128HT	5834.128HT	5234.3HT	5334.3HT	5534.3-34.128HT
Avocet/ACSS/TW	1113.0	5	30/7	1.129	E441129HT	8134.128HT	9412.290	5134.134HT	421129HT	8034.128HT	4012.290	5034.128HT	5634.128HT	5834.128HT	5234.3HT	5334.3HT	5534.3-34.128HT
Bluejay/ACSS/TW	1113.0	7	33/7	1.143	E441143HT	8134.134HT	E9512.332	5134.134HT	421143HT	8034.134HT	4012.332	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Finch/ACSS/TW	1113.0	13	38/19	1.185	E441185HT	8134.134CHT	E9614.453	5134.134HT	421185HT	8034.134HT	4014.453	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Genesee/ACSS/TW	1158.0	7	33/7	1.165	E441165HT	8134.134HT	9412.351	5134.134HT	421165HT	8034.134HT	4012.351	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Hudson/ACSS/TW	1158.4	13	26/7	1.196	E441196HT	8134.138CHT	E9614.484	5134.138HT	421196HT	8034.138HT	4014.484	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Cheyenne/ACSS/TW	1168.1	5	30/7	1.155	E441155HT	8134.134HT	9412.295	5134.134HT	421155HT	8034.134HT	4012.295	5034.134HT	5634.134HT	5834.134HT	5234.3HT	5334.3HT	5534.3-34.134HT
Oxbird/ACSS/TW	1192.5	5	30/7	1.167	E441167HT	8134.138HT	E9512.302	5134.138HT	421167HT	8034.138HT	4012.302	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Bunting/ACSS/TW	1192.5	7	33/7	1.181	E441181HT	8134.138HT	E9512.344	5134.138HT	421181HT	8034.138HT	4012.344	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Grackle/ACSS/TW	1192.5	13	38/19	1.225	E441225HT	8136.144CHT	E9614.484	5136.144HT	421225HT	8036.144HT	4014.484	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT

QRG—HiTemp®

Quick Reference Guide for ACSS/TW Conductor (cont.)

Conductor					Compression Accessories Catalog Numbers												
Code Name	Size	Type	Stranding	Dia.	Dead End Assembly	Dead End Body-Single Tongue	Steel Eye	15° Terminal	Joint Assembly	Joint Aluminum Body	Joint Steel Sleeve	Jumper Connector	Straight Terminal	90° Terminal	Repair Sleeve	Open Run Tee Tap	Open Run Tee Connector
	kcmil		Al/St	in													
Yukon/ACSS/TW	1233.6	13	38/19	1.245	E441245HT	8134.138CHT	E9614.500	5134.138HT	421245HT	8034.138HT	4014.500	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Nelson/ACSS/TW	1257.1	7	35/7	1.213	E441213HT	8134.138HT	E9512.351	5134.138HT	421213HT	8034.138HT	4012.351	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Scissortail/ACSS/TW	1272.0	5	30/7	1.202	E441202HT	8136.144HT	E9512.316	5136.144HT	421202HT	8036.144HT	4012.316	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT
Catawba/ACSS/TW	1272.0	5	30/7	1.203	E441203HT	8134.138HT	E9512.316	5134.138HT	421203HT	8034.138HT	4012.351	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Bittern/ACSS/TW	1272.0	7	35/7	1.220	E441220HT	8136.144HT	E9512.351	5136.144HT	421220HT	8036.144HT	4012.351	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT
Pheasant/ACSS/TW	1272.0	13	39/19	1.264	E441264HT	8136.147HT	E9616.500	5136.147HT	421264HT	8036.147HT	4016.500	5036.147HT	5636.147HT	5836.147HT	5236.3HT	5336.3HT	5536.3-36.147HT
Thames/ACSS/TW	1334.6	13	39/19	1.290	E441290HT	8136.144CHT	E9614.516	5136.144HT	421290HT	8036.144HT	4014.516	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT
Dipper/ACSS/TW	1351.5	7	35/7	1.256	E441256HT	8136.147HT	E9612.377	5136.147HT	421256HT	8036.147HT	4012.377	5036.147HT	5636.147HT	5836.147HT	5236.3HT	5336.3HT	5536.3-36.147HT
Martin/ACSS/TW	1351.5	13	39/19	1.300	E441300HT	8138.150HT	E9616.500	5138.150HT	421300HT	8038.150HT	4016.500	5038.150HT	5638.150HT	5838.150HT	5238.3HT	5338.3HT	5538.3-38.150HT
Mackenzie/ACSS/TW	1359.7	7	36/7	1.259	E441259HT	8136.144HT	E9512.359	5136.144HT	421259HT	8036.144HT	4012.359	5036.144HT	5636.144HT	5836.144HT	5236.3HT	5336.3HT	5536.3-36.144HT
Truckee/ACSS/TW	1372.5	5	30/7	1.248	E441248HT	8134.138HT	E9512.318	5134.138HT	421248HT	8034.138HT	4012.318	5034.138HT	5634.138HT	5834.138HT	5234.3HT	5334.3HT	5534.3-34.138HT
Bobolink/ACSS/TW	1431.0	7	36/7	1.291	E441291HT	8138.150HT	E9612.381	5138.150HT	421291HT	8038.150HT	4012.381	5038.150HT	5638.150HT	5838.150HT	5238.3HT	5338.3HT	5538.3-38.150HT
Plover/ACSS/TW	1431.0	13	37/19	1.337	E441337HT	8138.156HT	E9616.516	5138.156HT	421337HT	8038.156HT	4016.516	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Merrimack/ACSS/TW	1433.6	13	39/19	1.340	E441340HT	8138.156HT	E9616.521	5138.156HT	421340HT	8038.156HT	4016.521	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Miramichi/ACSS/TW	1455.3	7	36/7	1.302	E441302HT	8138.156HT	E9614.397	5138.156HT	421302HT	8038.156HT	4014.397	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
St. Croix/ACSS/TW	1467.8	5	33/7	1.292	E441292HT	8138.156HT	E9612.332	5138.156HT	421292HT	8038.156HT	4012.332	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Rio Grande/ACSS/TW	1533.3	13	39/19	1.382	E441382HT	8138.156HT	E9616.546	5138.156HT	421382HT	8038.156HT	4016.546	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Potomac/ACSS/TW	1557.4	7	36/7	1.345	E441345HT	8138.156HT	E9614.406	5138.156HT	421345HT	8038.156HT	4014.406	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Platte/ACSS/TW	1569.0	5	33/7	1.334	E441334HT	8138.156HT	E9612.337	5138.156HT	421334HT	8038.156HT	4012.337	5038.156HT	5638.156HT	5838.156HT	5238.3HT	5338.3HT	5538.3-38.156HT
Lapwing/ACSS/TW	1590.0	7	36/7	1.358	E441358HT	8140.162HT	E9612.397	5140.162HT	421358HT	8040.162HT	4012.397	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Falcon/ACSS/TW	1590.0	13	42/19	1.408	E441408HT	8140.162HT	E9718.546	5140.162HT	421408HT	8040.162HT	4018.546	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Pecos/ACSS/TW	1622.0	13	39/19	1.424	E441424HT	8140.162HT	E9718.578	5140.162HT	421424HT	8040.162HT	4018.578	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
Schuykill/ACSS/TW	1657.4	7	36/7	1.386	E441386HT	8140.162HT	E9614.422	5140.162HT	421386HT	8040.162HT	4014.422	5040.162HT	5640.162HT	5840.162HT	5240.3HT	5340.3HT	5540.3-40.162HT
James/ACSS/TW	1730.6	13	34/19	1.470	E441470HT	8142.168HT	E9718.578	5142.168HT	421470HT	8042.168HT	4018.578	5042.168HT	5642.168HT	5842.168HT	5242.3HT	5342.3HT	5542.3-42.168HT
Pee Dee/ACSS/TW	1758.6	7	37/7	1.427	E441427HT	8140.162HT	E9714.432	5140.162HT	421427HT	8040.162HT	4014.432	5040.162HT	5640.162HT	5840.168HT	5240.3HT	5340.3HT	5540.3-40.162HT
Chukar/ACSS/TW	1780.0	8	37/19	1.445	E441445HT	8142.178HT	E9714.453	5142.178HT	421445HT	8042.178HT	4014.453	5042.178HT	5642.178HT	5842.178HT	5242.3HT	5342.3HT	5542.3-42.178HT
Cumberland/ACSS/TW	1926.9	13	42/19	1.545	E441545HT	8142.178HT	E9718.609	5142.178HT	421545HT	8042.178HT	4018.609	5042.178HT	5642.178HT	5842.178HT	5242.3HT	5342.3HT	5542.3-42.178HT
Athabaska/ACSS/TW	1949.6	7	42/7	1.504	E441504HT	8142.178HT	E9714.453	5142.178HT	421504HT	8042.178HT	4014.453	5042.178HT	5642.178HT	5842.178HT	5242.3HT	5342.3HT	5542.3-42.178HT
Powder/ACSS/TW	2153.8	8	64/19	1.602	E441602HT	8144.184CHT	E9814.516	5144.184HT	421602HT	8044.184HT	4014.516	5044.184HT	5644.184HT	5844.184HT	5244.3HT	5344.3HT	5544.3-44.184HT
Bluebird/ACSS/TW	2156.0	8	64/19	1.608	E441608HT	8144.184HT	E9816.516	5144.184HT	421608HT	8044.184HT	4016.516	5044.184HT	5644.184HT	5844.184HT	5244.3HT	5344.3HT	5544.3-44.184HT
Santee/ACSS/TW	2627.3	8	64/19	1.762	E441762HT	8148.191HT	E9816.578	5148.191HT	421762HT	8048.191HT	4016.578	5048.191HT	5648.191HT	5848.191HT	5248.3HT	5348.3HT	5548.3-48.191HT