

Conductor Splice

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

Conductor Splices are designed as a single-component outer-layer assembly generally for Sub-EHV applications. Consult PLP for details on Conductor Splices for EHV applications.

Features

- On all-aluminum, aluminum alloy, and copper conductors of homogenous stranding, the Conductor Splice will hold a minimum of 90% of the rated breaking strength of, and provide better conductance than, an equal length of unspliced conductor.
- On ACSR conductor, the Conductor Splice will hold a minimum tension amounting to the full strength of the aluminum strands plus 10% of the steel core strength. Conductance will be better than in an equivalent length of unspliced conductor.
- Other PREFORMED™ products with restorative-repair capabilities are Armor Rods, Line Guards, Splice Shunt, and ARMOR-GRIP® Suspension: for Line Repair.

Documentation

Application Procedures

[SP-2059 \(Conductor Splice\)](#)

Catalog Pages

[Conductor Splice - Transmission Catalog](#)

[Conductor Splice - Distribution Catalog](#)

Reports & Manuals

[Overhead Distribution Line Repair Manual](#)

[Transmission Line Repair Manual](#)

Part Tables

For use on: ACSR, All-Aluminum, Aluminum Alloy, AWAC® Conductor

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./Lbs.	Length (Inches)	Rod Diameter (Inches)	No. of Subsets	Color Code
	Min..	Max.		Per Carton					
LS-0106	.177	.184	#6, 7W All-Alum.	50	6	21	.086	2	Purple
LS-0108	.194	.202	#6, 6/1 #6, 7W Alum. Alloy	50	6	22	.086	2	Blue
LS-0112	.229	.239	#4, 7W All-Alum.	50	9	24	.086	2	Brown
LS-0114	.247	.257	#4, 6/1 - 7/1 #4, 7W Alum. Alloy	50	10	26	.094	3	Orange
LS-0115	.258	.270	#3, 7W All-Alum.	50	11	26	.094	3	Green
LS-0116	.271	.280	#3, 7W Alum. Alloy	50	12	27	.094	3	Yellow
LS-0118	.290	.298	#2, 7W All-Alum.	50	13	28	.094	3	Purple
LS-0119	.299	.310	#2, AWAC 6/1 #3, AWAC 5/2	50	15	30	.102	3	Brown
LS-0120	.311	.325	#2, 6/1 - 7/1 #2, 7W Alum. Alloy	50	16	31	.102	3	Red
LS-0121	.326	.340	#1, 7W All-Alum.	50	16	31	.102	3	Blue
LS-0122	.341	.351	#1, AWAC 6/1	50	17	33	.102	3	Orange
LS-0123	.352	.367	#1, 6/1 #1, 7W Alum. Alloy	50	19	34	.102	3	Green
LS-0124	.368	.380	#1, AWAC 5/2 1/0, 7W All-Alum.	50	27	38	.121	3	Black
LS-0125	.381	.398	1/0, AWAC 6/1 1/0, 6/1 1/0, 7W Alum. Alloy	50	27	38	.121	3	Yellow
LS-0127	.414	.425	2/0, 7W All-Alum.	50	27	40	.121	3	Brown
LS-0129	.444	.462	2/0, 6/1 2/0, 7W Alum. Alloy	50	37	42	.136	3	Blue
LS-0130	.463	.481	3/0, 7W All-Alum.	50	43	46	.136	3	Green
LS-0131	.482	.503	3/0, 7W, Alum. Alloy 3/0, AWAC 6/1 3/0, 6/1	50	46	46	.146	3	Orange

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./ Lbs.	Length (Inches)	Rod Diameter (Inches)	No. of Subsets	Color Code
	Min.	Max.		Per Carton					
LS-0133	.522	.544	3/0, AWAC 5/2 4/0, 7W All-Alum.	50	66	51	.167	3	Black
LS-0134	.545	.567	4/0, 7W Alum. Alloy 4/0, 6/1	25	33	52	.167	3	Red
LS-0135	.568	.594	250, 19W-37W All-Alum. 4/0, AWAC 15/4 266.8, 7W-19W-37W All-Alum.	25	48	61	.182	3	Blue
LS-0136	.595	.618	266.8, 18/1	25	50	63	.182	3	Purple
LS-0137	.619	.644	266.8, 26/7 300, 19W-37W All-Alum.	25	58	67	.182	3	Yellow
LS-0138	.645	.671	300, 18/1 336.4, 19W-37W All Alum.	25	66	69	.204	3	Brown
LS-0139	.672	.700	300, 26/7 - 30/7 336.4, 18/1 - 36/1 350, 19W-37W All-Alum.	25	68	70	.204	3	Orange

For use on: ACSR, All-Aluminum Aluminum Alloy

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./ Lbs.	Length (Inches)	Rod Diameter (Inches)	No. Of Subsets	Color Code
	Min.	Max.		Per Carton					
LS-0140	.701	.729	336.4, 26/7 336.4, 19W Alum. Alloy 397.5, 19W-37W All-Alum. 400, 19W-37W All-Alum.	15	62	77	.250	3	Green
LS-0141	.730	.760	336.4, 30/7 397.5, 18/1	15	64	79	.250	3	Black
LS-0142	.761	.792	397.5, 26/7 397.5, 19W Alum. Alloy 450, 19W-37W All-Alum.	15	74	83	.250	3	Purple
LS-0143	.793	.825	477, 18/1 - 36/1 477, 19W-37W All-Alum. 500, 19W-37W All-Alum.	3	18	84	.250	3	Red
LS-0145	.851	.886	477, 26/7 556.5, 18/1 - 36/1 556.5, 19W-37W All-Alum.	3	23	99	.250	4	Orange

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./ Lbs.	Length (Inches)	Rod Diameter (Inches)	No. Of Subsets	Color Code
	Min.	Max.		Per Carton					
LS-0146	.887	.929	605, 36/1 636, 37W-61W All-Alum.	3	31	105	.310	3	Orange
LS-0147	.930	.968	636, 18/1 - 36/1 666.6 - 36/1	3	36	108	.310	4	Brown
LS-0148	.969	1.008	636, 54/7 - 26/7 666.6, 54/7 715.5, 36/1	3	37	111	.310	4	Yellow
LS-0149	1.009	1.050	795, 36/1 795, 37W-61W All-Alum.	3	39	121	.310	4	Green

Catalog Number	Diameter Range (Inches)		Nominal Conductor Size	Units	Wt./ Lbs.	Length (Inches)	Rod Diameter (Inches)	No. of Subsets	Color Code
	Min.	Max.		Per Carton					
LS-0150	1.051	1.091	874.5, 36/1 874.5, 37W-61W All-Alum.	3	45	127	.310	4	Black
LS-0151	1.092	1.136	795, 54/7 954, 37W-61W All-Alum.	3	59	137	.365	4	Purple
LS-0152	1.137	1.183	954, 36/1-45/7 1,033.5, 37W-61W All-Alum.	3	62	141	.365	4	Red
LS-0153	1.184	1.232	1,033.5, 36/1-45/7 1,113, 61W All-Alum.	3	63	143	.365	4	Blue
LS-0155	1.300	1.353	1,272, 45/7 1,272, 61W All-Alum.	3	101	165	.436	4	Yellow

For use on: AWAC® Conductor

Aluminum								
Catalog Number	Conductor Size		Units	Wt./Lbs.	Length (Inches)	Rod Diameter (Inches)	No. of Subsets	Color Code
	AWAC	Outside Diameter (Inches)	Per Carton					
LS-0185	#4 AWAC 4/3	.281	50	21	33	.121	3	Green
LS-0186	#3 AWAC 4/3	.316	50	27	36	.136	3	Purple
LS-0187	#2 AWAC 5/2	.330	50	24	36	.121	3	Green
LS-0188	#2 AWAC 4/3	.355	50	35	40	.146	3	Purple
LS-0189	#1 AWAC 4/3	.398	50	50	45	.167	3	Red
LS-0190	1/0 AWAC 5/2	.416	50	40	44	.136	3	Orange
LS-0191	1/0 AWAC 4/3	.447	50	61	50	.167	3	Brown
LS-0192	2/0 AWAC 5/2	.467	50	49	47	.146	3	Orange
LS-0193	2/0 AWAC 4/3	.502	50	41	55	.182	3	Black
LS-0194	3/0 AWAC 4/3	.564	50	55	59	.204	3	Yellow

Aluminum-Clad Steel								
Catalog Number	Conductor Size		Units	Wt./Lbs.	Length (Inches)	Rod Diameter (Inches)	No. of Subsets	Color Code
	AWAC	Outside Diameter (Inches)	Per Carton					
LS-5112	#4 AWAC 3/4	.307	50	34	30	.102	3	Purple
LS-5113	#4 AWAC 2/5 #3 AWAC 3/4	.340 .344	50	46	33	.114	3	Blue
LS-5114	#3 AWAC 2/5 #2 AWAC 3/4	.382 .386	50	67	38	.128	3	Brown
LS-5115	#2 AWAC 2/5 #1 AWAC 3/4	.429 .434	25	55	50	.144	3	Green
LS-5116	#1 AWAC 2/5 1/0 AWAC 3/4	.482 .487	25	75	55	.162	3	Red
LS-5117	1/0 AWAC 2/5 2/0 AWAC 3/4	.541 .547	10	48	67	.183	3	Green