



ELECTRIC COMPANY, INC

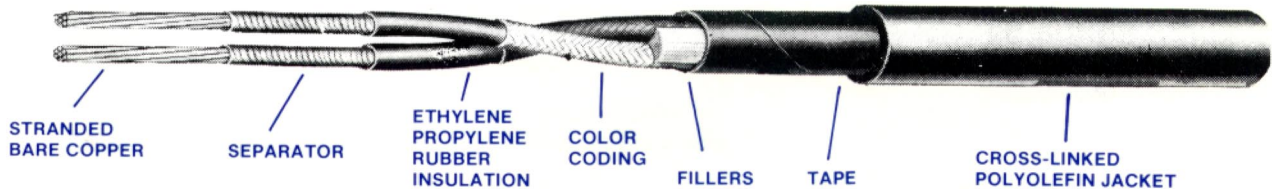
Power & Lighting Cables

Power & Light

MIL-C-24643

Types LSSHOF, LSDHOF, LSTHOF, LSFHOF

1 Through 4 Conductors, 600 Volts • Non-Watertight, Flexing Service • MIL-C-24643/3



Stranded uncoated copper conductor, separator, ethylene propylene rubber insulation. Standard Identification Code by Method 3 or 4, reinforcement on SHOF sizes 23 and larger. The required number of conductors cabled with fillers and binder tape. Jacket of cross-linked polyolefin, surface marking.

* Military	Part No.	Cable Type Designation	Conductor Size: AWG or MCM	Number of Conductors In Cable	Area of Each Conductor (MCM)	Cable** Overall Diameter (inch)	Cable Weight per ft. (lbs)	Radius of Bend (inch)	Rated Voltage (RMS)	Ampacity, Each Conductor (AMPS,Max)				NSN 6145-01
										DC or 60 HZ	40°C Ambient	50°C Ambient	400 HZ	
-01UN	LSSHOF-3	16	1	2.580	.210	.027	1.5	STD-3	600	20	18	20	18	201-9530
-02UN	LSSHOF-23	7	1	20.820	.460	.143	3.5	STD-3	600	88	80	88	80	201-9531
-03UN	LSSHOF-60	2	1	61.260	.600	.341	5.0	STD-3	600	162	153	162	153	201-9532
-04UN	LSSHOF-150	000	1	153.100	.870	.769	7.0	STD-3	600	285	263	285	263	210-4000
-05UN	LSSHOF-200	200	1	199.100	.980	.966	8.0	STD-3	600	323	306	—	—	201-9533
-06UN	LSSHOF-250	250	1	252.700	1.085	1.318	8.5	STD-3	600	397	362	—	—	202-2051
-07UN	LSSHOF-500	500	1	500.000	1.450	2.585	11.5	STD-3	600	602	578	—	—	202-2052
-08UN	LSSHOF-650	650	1	650.000	1.610	3.090	13.0	STD-3	600	698	658	—	—	202-2053
-09UN	LSSHOF-800	800	1	812.700	1.670	3.306	13.5	STD-3	600	803	732	—	—	201-9534
-10UN	LSDHOF-3	16	2	2.5880	.425	.100	3.0	STD-3	600	23	21	23	21	201-9494
-11UN	LSDHOF-4	14	2	4.110	.460	.117	3.5	STD-3	600	30	28	30	28	202-7745
-12UN	LSDHOF-6	12	2	6.530	.510	.150	4.0	STD-3	600	41	37	41	37	202-2036
-13UN	LSDHOF-9	9	2	9.045	.570	.172	4.5	STD-3	600	50	45	50	45	202-2037
-14UN	LSDHOF-14	14	2	14.070	.705	.293	5.0	STD-3	600	60	54	60	54	203-0365
-15UN	LSDHOF-23	7	2	22.910	.860	.395	6.5	STD-3	600	80	72	80	72	202-2038
-16UN	LSDHOF-30	5	2	33.090	.960	.690	7.5	STD-3	600	90	83	90	83	202-2039
-17UN	LSDHOF-83	83	2	84.230	1.450	1.359	11.0	STD-3	600	169	152	169	152	202-0661
-18UN	LSDHOF-250	250	2	252.700	2.100	2.811	17.0	STD-3	600	322	287	285	254	202-0662
-19UN	LSDHOF-400	400	2	413.500	2.500	4.532	20.0	STD-3	600	422	382	290	262	202-0663

										Ampacity, Each Conductor (AMPS,Max)					
										DC or 60 HZ		400 HZ			
* Military	Conductor	Number of Con- ductors	Area of Each Conductor	Cable** Overall Diameter	Cable Weight per ft.	Radius of Bend	Rated Voltage				40°C Ambient	50°C Ambient	40°C Ambient	50°C Ambient	NSN 6145-01
Part No. M24643/3	Cable Type Designation	Size: AWG or MCM	In Cable	Max. (inch)	Appox. (lbs)	Min. (inch)	CDR ID	Max. (RMS)							
-20UN	LSTHOF-3	16	3	2.580	.450	.094	3.5	STD-3	600	19	17	19	17	202-0664	
-21UN	LSTHOF-4	14	3	4.110	.480	.136	4.0	STD-3	600	25	23	25	23	205-3626	
-22UN	LSTHOF-6	12	3	6.530	.550	.179	4.5	STD-3	600	33	31	33	31	202-0665	
-23UN	LSTHOF-9	9	3	9.045	.600	.201	5.0	STD-3	600	38	34	38	34	202-0666	
-24UN	LSTHOF-14	14	3	14.070	.750	.346	6.0	STD-3	600	50	46	50	46	202-0667	
-25UN	LSTHOF-23	7	3	22.910	.900	.506	7.0	STD-3	600	70	64	70	64	202-0668	
-26UN	LSTHOF-42	42	3	42.110	1.250	.986	10.0	STD-3	600	93	86	93	86	202-0669	
-27UN	LSTHOF-150	150	3	153.00	1.820	2.470	13.5	STD-3	600	197	180	197	180	203-5384	
-28UN	LSTHOF-250	250	3	252.700	2.240	3.872	18.0	STD-3	600	287	264	—	—	202-0670	
-29UN	LSTHOF-400	400	3	413.500	2.800	6.128	22.0	STD-3	600	400	365	315	265	202-0671	
-30UN	LSTHOF-500	500	3	500.000	3.100	7.313	25.0	STD-3	600	500	450	350	275	202-2040	
-31UN	LSTHOF-600	600	3	600.000	3.150	7.983	25.0	STD-3	600	600	550	—	—	203-5385	
-32UN	LSFHOF-3	16	4	2.580	.480	.130	4.0	STD-3	600	17	16	17	16	201-9495	
-33UN	LSFHOF-4	14	4	4.110	.550	.165	4.5	STD-3	600	23	21	23	21	202-0672	
-34UN	LSFHOF-9	9	4	9.045	.660	.281	5.5	STD-3	600	36	34	36	34	202-0673	
-35UN	LSFHOF-42	42	4	42.110	1.380	1.210	11.0	STD-3	600	79	73	79	73	202-0674	
-36UN	LSFHOF-60	60	4	61.260	1.510	1.550	12.0	STD-3	600	95	80	95	80	202-9491	
-37UN	LSFHOF-133	133	4	137.800	2.000	2.863	16.0	STD-3	600	163	148	155	140	202-0675	