

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
UL	E72853 (PA) E72853-B (MA)	UL 13	Power Limited Circuit Cable PVC Insulation/PVC or CP Jacket CL2, CL3, PLTC	22 - 12	60 - 105°C	300 V	No
			PVC Insulation/PVC or CP Jacket CL2, CL3	24 - 12	60 - 105°C	None	No
			PVC /PVC CL2, CL2X	24 - 12	60 - 105°C	None	No
			TPE/TPE CL2, CL3, PLTC	22 - 12	90°C	300 V	Yes
			XL Insulation/PVC, CP, or PO Jacket PLTC	22 - 12	60 - 90°C	300 V	No
UL	E2268 (MA) E2268-T (PA)	UL 44	Insulated Wire (Rubber) XHHW ^{abc} RHH, ^{acde} RHH ^{ac} RHW ^{abcde} RHW ^{abc} XHHW-2 ^{abcg} , RHW-2 ^{abcfg} RHW-2 ^{abcf} SIS ^a (Can be Marked "VW-1") ^b (Can be Marked "Sunlight Resistant") ^c (Can be Marked "For CT Use" 1/0 & Larger) ^d (Can be marked "LS" 1/0 & Larger) ^e (Cotton Braid coverings, with FR coatings available) ^f (Composite walls with EP/CP and EP/LSZH ^g (LSZH Insulation)	14 - 2000 KCMIL 14-- 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 4/0	90°C/75°C Wet 90°C 90°C 75°C Wet 75°C Wet 90°C Wet 90°C Wet 90°C	600 V 600 V 2000 V 600 V 2000 V 600 V 2000 V 600 V	No Some constructions possible
			Deep-Well Submersible Pump Cable Constructions A, B, or D	14 - 2 AWG Solid or Stranded 1 - 500 KCMIL Stranded	90°C Wet or Dry	600 V	No Some constructions possible
UL	E2268 (MA)	UL 44	RHH RHW	14 - 2000 KCMIL	90°C Dry 90°C Dry/75°C Wet 90°C Wet or Dry	600 V or 2000 V	Yes
	R19349 (MA)	UL 2196	RHW-2 (Lifeline RHH) May be Classified for "2 Hour Fire Rated"				
UL	E2268 (MA) E2268-T (PA)	CSA C22.2 No. 38	RW75, RWU75, RW90, RWU90, or R90 XLPE Optional FT1	14 - 2000 KCMIL	75°C Wet/90°C Dry	600 V or 1000 V	No

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			PVC Jacketed Thermoset Wire RHW RHH, XHHW RHW-2, XHHW-2 Can be marked "Sunlight Resistant" and "For CT USE"	14 – 2000 KCMIL	75°C(Wet) 90°C/75°C Wet 90°C Wet	600 V or 2000 V	No	
			Irrigation Instrumentation Cable Multiconductor cables	24 – 6	60°C (Wet)	30 V	No	
			Irrigation Control Cable	18 – 4/0	75°C (Wet)	600 V	No	
			Irrigation Machine Signal Cable	14 – 12	75°C (Wet)	600 V	No	
			Traction Power Cable	1000 – 2000 KCMIL	90°C Wet or Dry	1000 V	No	
			Shielded Traction Power Cable Rated "LS"	500 – 2000 KCMIL	90°C Wet or Dry	2000 V	No	
			Telephone Central Office Power Cable	6 – 1,111 KCMIL	105°C Dry/75°C Wet	600 V or 2000 V	Yes XLPE No CP	
			Reel and Festoon Cable C-Flex	16 – 500 Kcmil	90°C	600 V	Yes	
			Flexible Motor Supply Cable Single Conductor Multiconductor	22 – 500 Kcmil 22 – 2	90°C	1000 or 2000 V	No	
UL	E63611 (MA) E63611-T (PA)	UL 83	Insulated Wire (Thermoplastic) FEP TW ^{abc} THW ^{abd} THWN ^{abcde} THHN ^{abcd} ^a (Can be Marked "VW-1") ^b (Can be Marked "For CT Use" 1/0 & Larger) ^c (Can be Marked "Oil Resistant I") ^d (Can be Marked "Oil Resistant II") ^e (Can be Marked "Gasoline Resistant")	14 - 2 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL	90°C 60°C 75°C 75°C Wet 90°C Dry	600 V 600 V 600 V 600 V 600 V	Yes Some Some Some Some	
			Submersible Pump Cable THWN or THHN Construction A, B, C, or D	14 - 2 AWG Solid or Stranded 1 - 500 KCMIL Stranded	75°C	600 V	Some	
			CSA 75	Submersible Pump Cable TWU, TWU75	14 - 2 AWG Solid or Stranded 1 - 500 KCMIL Stranded	75°C	600 V	Some
			CSA 75	TW, TWU TW75, TWU75 T90 Nylon	14 – 1000 KCMIL	60°C Wet or Dry 75°C Wet or Dry 90°C Dry	600 V	Some
			CSA 75 and 230	TWN75 T90 Nylon Multiconductors may be marked Type TC and FT4	14 – 1000 KCMIL 14 – 1000 KCMIL	75°C Wet or Dry 90°C Dry	600 V	No
			UL	E76156 (PA)	UL 493	Underground Feeder Cable Single Conductor -TW ^a UF-B Multiconductor -THWN / THHN ^a (Can be Marked "Sunlight Resistant" 300 Hour)	14 - 4/0 14 - 6	60°C 90°C

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UL	E125544 (PA)	UL 1990 & Procedure	Preassembled Schedule 40 or 80 Duct, Cable In Conduit Single or Multiconductor - PLC, FPL, CATV, Communication	1/2" 3/4" 1" 1-1/4" 1-1/2" 2"	Various Based Upon Wire or Cable Construction Installed in Conduit	Below 600 V	Depends on Inside
			Single or Multiconductor - TW, THW, THWN / THHN, XHHW, XHHW-2, RHW, RHH, RHW-2, USE, USE-2	2-1/2" 3" 3-1/2" 4"		600-2000 V	Depends on Inside
			Shielded Type MV Cable			5 - 35 kV	No
UL	E227817	UL-651B	Schedule 40 Duct	All Trade sizes 1/2" to 4"	N/A	N/A	Yes
UL	E227817	UL-651B	Schedule 80 Duct	All Trade sizes 3/4" to 3"	N/A	N/A	Yes
UL	E208490 (PA)	UL 1424	Power Limited Fire -Protective Signaling Cable Type FPL	26 - 10	105°C	300 V	No
UL	E208490 (MA)	UL 1424	Power Limited Fire Alarm Signaling Cable Type FPL (Lifeline CIC)	18 - 10	90°C	300 V	Yes
	R19349 (MA)	UL 2196	Type FPL-CI (Lifeline CI) Type FPLR-CI (Lifeline CI) May be Classified for "2 Hour Fire Rated"			80 V	
UL	E208490 (MA)	UL 1424	Power Limited Fire Alarm Signaling Cable Type FPL (Lifeline Coaxial Cable)	24 Minimum	60°C	N/A	No
	R19349 (MA)	UL 2196	May be Classified for "2 Hour Fire Rated"				
UL	E220010 (MA)	UL 1425	Non-Power Limited Fire Alarm Circuit Cable Type NPLF (Lifeline CIC)	18 - 10	90°C	300 V	Yes
	R19349 (MA)	UL 2196	Type NPLF-CI (Lifeline CI) Type NPLFR-CI (Lifeline CI) May be Classified for "2 Hour Fire Rated"			200 V	
UL	E66316 (PA)	UL 1426	Cables for Boats THW, THWN THHN	18 - 4/0 18 - 4/0	75°C 105°C	600 V 600 V	Some
UL	E177430 (PA) E177430-B (MA)	UL 2250	Instrumentation Tray Cable PVC XL XLPO All Cables can be Marked "Sunlight Resistant"	22 - 12 22 - 12 22 - 12	60°C, 75°C, 90°C, or 105°C 75°C or 90°C 105°C	300 V 300 V 300 V	Some
UL	E73061 (PA) E73061-B (MA)	UL 854	Type SEU & SER THWN/THHN XHHW XHHW-2 RHW RHW-2 RHH USE USE-2	12 - 4/0	75°C Wet/ 90°C Dry 75°C Wet/ 90°C Dry 90°C Wet or Dry 75°C Wet 90°C Wet or Dry 90°C Dry 75°C Wet/ 90°C Dry 90°C Wet or Dry	600 V 600 V 600 V 600 V 600 V 600 V 600 V	Some

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			Single Conductor USE USE-2	14 - 2000 KCMIL	75°C Wet/ 90°C Dry 90°C Wet or Dry	600 V 600 V	No
UL	E83287 (MA)	UL Subject 1309. (IEEE 45)	Shipboard Cable Bostrig-125	18 - 1111 KCMIL	110°C	600, 2000 V	No
UL	E83287 (MA)	IEEE-45-1983	Bostrig - MHV Single & Multiconductor Shielded	8 - 1000 KCMIL	90°C	5 & 8 kV	No
			Bostrig MV-NS Multiconductor Only, Non-Shielded	8 - 1000 KCMIL	90°C	5 kV	No
UL	E83287-T (PA)	UL Subject 1309 (IEEE-45: 1983)	Marine Shipboard Cable MSLSPD & MSLS Control				No
			XHHW, RHH/RHW, or RFHH-2 Employing UCC-1638 Jacket	14 - 1000 KCMIL	90°C	600 V	
			MSXIPD, MSVNPD, MSXI & MSVNK XHHW, RFHH-2, THHN, THWN, or TFFN Employing a PVC Jacket	14 - 1000 KCMIL	90°C	600 V	Some
UL	E60544 (PA) E60544-B (MA)	UL 1277	Power & Control Tray Cable RHH or RHW or XHHW Conductors Unlisted EPCV With Nylon Conductors	18 - 1000 KCMIL	90°C/75°C Wet	600 V	No
			Listed FEP, PF or PFF Conductors	18 - 1000 KCMIL	90°C	600 V	Yes
			Power and Control Tray Cable RFH-2, FFH-2 TFN, TFFN THHN, THWN THW, RHW RHW XHHW XHHW-2 RHW-2 RHW-2 RHH RHH Cables using VW-1 rated Conductors can be Marked "VW-1" Cables can be Marked "Direct Burial" Cables can be Marked "Sunlight Resistant" CP & CPE Jacketed Cables can be Marked "Oil Resistant II" Neoprene Jacketed Cables can be Marked "Oil Resistant I" Black TPE Jacketed Cables can be marked Sun Res, Optional Shields, 14 AWG, 3/c and larger can be marked "Direct Burial" and "Open Wiring"	18 - 16 18 - 16 14 - 1000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL	75°C 90°C 75°C Wet/ 90°C Dry 75°C Wet /Dry 75°C Wet/Dry 90°C Wet/ Dry 90°C Wet/ Dry 90°C Wet/ Dry 90°C Wet/ Dry 90°C 90°C	600 V 600 V 600 V 600 V 600 V 600 V 2000 V 2000 V 2000 V 600 V 2000 V	Some
			TPE/TPE Unlisted conductors May be marked "Sunlight Resistant" and "Direct Burial"	18 - 1000 KCMIL	75°C Wet/ 90°C Dry	600 V	Yes

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			Type W, G, and G-GC Portable Power cables Unlisted EP conductors similar to Type RHW-2 with CP Jacket May be Marked "FT4", 4 AWG, 3/c and larger can be marked "Open Wiring"	8 - 1000 KCMIL	90°C Wet/ Dry	600 V	Yes
			Unlisted conductors employing Class XL LSZH Compound with LSZH Thermoplastic or Thermoset Jacket Can be Marked -LS	18 - 1000 KCMIL	75°C Wet/ 90°C Dry	600 V	Yes
			Unlisted conductors employing Class XL Compound with LSZH Thermoplastic or Thermoset Jacket Can be Marked -LS	18 - 1000 KCMIL	90°C Wet/ Dry	600 V	Some
			Unlisted conductors employing Class XL Compound with CPE Thermoplastic Jacket Can be Marked Sunlight Resistant, Oil Resistant I or II, Direct Burial, FT4/IEEE1202	18 - 1000 KCMIL 18 - 1000 KCMIL	90°C Wet/ Dry 90°C Wet/ Dry	600 V 2000 V	No
		CSA C22.2 No. 239	Type CIC and ACIC TF, TFF, TFN, TFFN, TW, THW, THHW, THHN, or THWN Conductors Optional Aluminum Interlock Armor	18 - 4/0 AWG	75°C Wet/ 90°C Dry	600 V	No
UL	E148543 (MA)	UL Subject 1276	Welding Cable Dual layer construction	8 - 250 KCMIL	90°C	600 V	No
UL	E171178 (MA) E171178-T (PA)	UL 1063	Machine Tool Wire Single and Multiconductor	18 - 1000 KCMIL	60/90°C 60°C Wet or in Oil	600 V	No
			Single Conductor Construction A (w/o Nylon) Construction B (with Nylon) Multiconductor	22 - 1000 KCMIL	90°C	600 V	No
UL	E69850 (MA)	UL 1072	EPR Insulated MV-90 Shielded Single & Multiconductor	8 AWG 1000 KCMIL	90°C	5 - 35 kV	No
			MV-90 Non-Shielded EP/CP Single Conductors for Dry Locations Only* *Size 350 Kcmil and larger may be marked "for CT USE"		90°C	2.4 kV	No
			XLPE Insulated MV-90 Shielded Single & Multiconductor May be Marked "For CT Use"		90°C	5-35 kV	No
	E69850-T (PA)		Single Conductor XLPE Unjacketed	8 - 1000 KCMIL	90°C (Dry Only)	2.4 kV	No
			Single and Multiconductor MV-90 Non Shielded XLPE or EPR, Optional Jackets Multiconductor Cables can be Marked "For CT Use"	8 - 1000 KCMIL	90°C (Dry Only)	2.4 kV	No
			Single Conductor XLPE/PVC jacketed	8 - 1000 KCMIL	90°C (Wet or Dry)	2.4 kV	No

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UL	E236817-T (PA) E236817 (MA)	UL 66	Fixture Wire PF PFF TF & TFF TFN & TFFN RFH-2 & FFH-2	18 - 14 18 - 14 18 - 16 18 - 16 18 - 16	200°C 150°C 60°C 90°C 75°C	600 V 600 V 600 V 600 V 600 V	No
	E236817		RFHH-3 (Lifeline)		90°C	600 V	Yes
UL	E60703 (PA)	UL 62 UL 44 UL 83	Irrigation Cable TFN, RFH-2, FFH-2 XHHW, RHW THWN, LLDPE Unlisted conductors All cables can be Marked "Direct Burial"	18 - 16 14 - 4/0 14 - 4/0 18 - 6	75°C Wet or Dry 75°C Wet or Dry 75°C Wet or Dry 75°C Wet or Dry	600 V 600 V 600 V 600 V	No
UL	E60169 (PA)	UL 1569	Metal-Clad Cables Galvanized Steel Interlocked Armor (GSIA) XHHW-2, RHW-2 XHHW RHH/RHW THHN/THWN FFH-2, RFH-2 Non-jacketed Cables can be Marked "For CT Use" 3/c, 14 AWG or Larger with an overall PVC Jacket can be Marked "Direct Burial" PVC or CPE Jacketed Cables can be Marked "For CT Use" and "Sunlight Resistant"	14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 1000 KCMIL 18 - 16	90°C Wet or Dry 75°C Wet / 90°C Dry 75°C Wet / 90°C Dry 75°C Wet / 90°C Dry 75°C	600 V 600 V 2000 V 600 V 600 V	Some
			Aluminum Interlock Armor (AIA) XHHW-2, RHW-2 XHHW RHH/RHW THHN/THWN FFH-2, RFH-2 3/c, 14 AWG or Larger Using 5052 AL Armor with an overall PVC Jacket can be Marked "Direct Burial" PVC or CPE Jacketed Cables can be Marked "For CT Use" and "Sunlight Resistant" Cables 4 AWG and Larger Using 3003-H14 Al Armor can be Marked "Direct Burial"	14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 2000 KCMIL 14 - 1000 KCMIL 18 - 16	90°C Wet or Dry 75°C Wet / 90°C Dry 75°C Wet / 90°C Dry 75°C Wet / 90°C Dry 75°C	600 V 600 V 2000 V 600 V 600 V	No

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UL	E47943 (PA) E47493B (MA)	UL 758	Appliance Wiring Material UL Style Number 1007-1033, 1053-1060, 1064-1066, 1113, 1116, 1119, 1120, 1124, 1142, 1159, 1161, 1162, 1188, 1190-1191, 1207, 1218, 1220, 1223, 1228-1240, 1265, 1266, 1270-1280, 1282-1284, 1287, 1289, 1291, 1295, 1297, 1298, 1300, 1301, 1304, 1306-1312, 1314, 1316-1323, 1325, 1328, 1329, 1334-1346, 1381, 1383, 1384, 1387, 1389-1392, 1396, 1398-1414, 1416, 1417, 1437, 1438, 1441, 1447, 1452, 1453, 1477-1480, 1506, 1507, 1518, 1544, 1647, 1650, 1660, 1663, 1664, 1785, 1892, 1899, 2104, 2105, 2112-2117, 2121-2129, 2165, 2310, 2311, 2317, 2319, 2325, 2338, 2343-2346, 2351, 2354-2356, 2384-2388, 2415, 2422-2426, 2439, 2446, 2448, 2461-2464, 2481, 2482, 2490, 2493, 2496, 2498, 2501, 2516, 2517, 2526, 2532, 2535, 2549, 2550, 2551, 2560, 2563, 2570, 2571, 2574, 2576, 2584, 2586, 2587, 2589, 2598, 2610, 2626, 2630, 2631, 2637, 2653-2656, 2659-2662, 2668, 2679, 3002-3005, 3068-3071, 3074, 3075, 3079, 3080, 3100, 3101, 3133-3148, 3172, 3190-3193, 3197, 3198, 3201-3204, 3237, 3239, 3311, 3451, 3473, 3528, 4276, 4277, 4280, 4392, 4428, 4440, 4443, 5098-5099, 5103-5104, 5107, 5108, 5128, 5134, 5158, 5283, 10269, 10512	Per UL Style Sheet	Per UL Style Sheet	Per UL Style Sheet	Some constructions possible
	E250813		21262, 21465, 3343, 3567, 3607, 3684, 3775, 4513, 4520, 4537,				Yes
			CSA C22.2 No. 210	Class I, Group A/B Class I/II, Group A/B, FT2	30 – 2000 KCMIL 30 – 2000 KCMIL	90°C 90°C	1000 V 600 V
UL	E108843	UL-1651 CSA C22.2 No 232	OFNP, OFCP OFNR, OFCR	2-72 Fibers 1-256 Fibers	N/A	N/A	Yes
UL	E123515	UL-444	CMR-OF CMP-OF CMR-OF CMP-OF	2-6 Fibers, 2-8 Conductors 1-18 Fibers, 2 or more Conductors 2-72 Fibers, 2 or more Conductors 1-6 Fibers, 4-12 Conductors	60°C	N/A	Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM FEP/Glass Class I Group A Single Conductor FT1 Duratherm M	20 - 10 8 - 2/0	180°C * 180°C * *150°C if Bare Copper or Strand OD <26 AWG	300V 600V	Yes

Independent Agency Approvals & Certifications

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CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM EPR/CSM Class I/II Group A/B FT4 Multiconductor Autoflex CFC	18 - 500 KCMIL	90°C	600V	Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM EPR/CR Class I/II Group A/B FT4 Multiconductor SDN	18 - 500 KCMIL	90°C	600V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PVC/PVC Class I/II Group A/B FT1 Single & Multiconductor Pendflex-SR * Reduced Diameter Transgun Welding Cable May be marked -40°C, Sunlight Resistant * With optional steel supports	20 - 4/0	105°C	600 V	Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM XLPE/CSM Class I/II, Group A/B Multiconductor Round, optional shields, FT1, FT4	14 – 500 KCMIL	90°C Wet or Dry	600/1000 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PVC / Nylon, PVC Jacket Class I/II Group A/B FT1 Pendflex-SR * * With optional steel supports	18 – 500 KCMIL	90°C	600 V	Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PP, PVC / CP Class I/II Group A/B FT1 Multiconductor	22 - 12	90°C	300 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM CSM/Braid Class I Group A/B FT1 Single Conductor Central Station Cable	14 - 2000 KCMIL	90°C	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM XLPE / Braid (LSZH) Class I Group A/B FT1 Single Conductor Central Station Cable	14 - 2000 KCMIL	90°C	600 V	Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM XLPE (LSZH) Class I Group A/B FT1 Single Conductor Central Station Cable	14 - 2000 KCMIL	105°C	600 V	Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM Class I, Group A/B Single conductor PVC, FT1, FT2	14 - 2000 KCMIL	105°C	600 V	No

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CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PVC / Nylon, PVC or CSM Jacket Class I/II Group A/B FT1, FT4 (Autoflex-TF)	18 – 500 KCMIL	90°C	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PVC / Nylon, CSM Jacket Class I/II Group A/B FT1, FT4	24 - 18	90°C	300 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM XLPE, CSM Jacket Class I/II Group A/B FT1, FT4	24 - 16	90°C	300 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PVC, PVC Jacket Class I/II Group A/B FT1	24 - 16	80°C	300 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM PVC / Nylon, CR Jacket Class I/II Group A/B FT1, -40°C	18 – 500 KCMIL	90°C	300/600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM EPR, CR Jacket Class I/II Group A/B FT1, -40°C Optional Nylon over EPR	18 – 500 KCMIL	90°C	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 210	AWM XLPE Class I, Group A/B FT4 (Bostrig 125 Type P) Single Conductors only	14 - 2000 KCMIL	125°Cdry/90°C Wet	600 V 1000 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 49	<u>Elevator Cable</u> E, EO, ETT, ETP <u>Flexible Cord</u> SOW, BOSTFLEX SOOW BOSTCORD SOW INDUSTRIRITE SJ, SJO SJT, SJTO, SJTW, SJTOW ST, STO STW, STOW (Shield Optional)	20 - 14 / 12 - 2 18 - 2 18 - 2 18 - 2 18 - 10 18 - 10 18 - 10 18 - 2 18 - 2	60°C 90°C (-40°C) 90°C (-40°C) 90°C (-50°C) 60°C (-40°C) 105°C (-20°C) 105°C (-40°C) 105°C (-20°C) 105°C (-40°C)	300/600 V 600 V 600 V 600 V 300 V 300 V 300 V 600 V 600 V	No Yes
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38 C22.2 No. 230	Thermosetting Wires Single and Multiconductor Type RW75, R90 (XLPE) FT1, FT4*, CR Jacket Optional Ratings Single Conductor 1/0 AWG and larger and multiconductor cables may be marked "TC", "FT4*", "Direct Burial", and "Outdoor" May also be Dual Marked as "Marine Shipboard Cable" *Single Conductors 8 AWG and larger may be marked "FT4" Bostrig 125	14 - 2000 KCMIL	90°C (-40°C)	600, 1000, & 5000 V	No

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CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38 C22.2 No. 230	Thermosetting Wires Single and Multiconductor Type RW90 (XLPE) FT1, CR Jacket Optional Ratings Single Conductor 1/0 AWG and larger and multiconductor cables may be marked "TC", "FT4", "Direct Burial" May also be Dual Marked as "Marine Shipboard Cable" Bostrig 125 Type P Black jacketed products may be marked "Sunlight Resistant"	14 - 2000 KCMIL	90°C (-40°C)	600, 1000, & 5000 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38	Thermosetting Wires Single and Multiconductor Type RW90 (EP or EPCV) FT1, CR or CSM Jacket, Sunlight Resistant with CSM	14 - 2000 KCMIL	90°C (-40°C)	600, 1000	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38	Thermosetting Wires Single conductor Type RW90 (EP) Jacketed with CSM Jacket FT1 or FT4*, Sunlight Resistant *sizes 1/0 AWG and larger	14 - 2000 KCMIL	90°C (-40°C)	600, 1000	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38	Thermosetting Wires Single conductor Type RW90, RWU90 (XLPE) FT1 or FT2	14 - 2000 KCMIL	90°C (-40°C)	600, 1000, & 5000 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38 C22.2 No. 230	Thermosetting Wires Multiconductor Type RW90 (XLPE) FT1 or FT2, PVC Jacket, may be marked "TC", "FT4", "Direct Burial", and "Sunlight resistant" (Black only), Optional Shields	14 - 2000 KCMIL	90°C (-40°C)	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38 C22.2 No. 230	Thermosetting Wires Multiconductor Type RW90 (XLPE) FT1 or FT2, PVC Jacket, may be marked "TC", "FT4", "Direct Burial", and "Sunlight resistant" (Black only), Optional Shields	14 - 2000 KCMIL	90°C (-25°C)	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 38 C22.2 No. 230	Thermosetting Wires Multiconductor Type RW90 (XLPE) FT1 or FT2, TPE Jacket, may be marked "TC", "FT4", "Direct Burial", and "Sunlight Resistant" (Black only), Optional Shields	14 - 2000 KCMIL	90°C (-40°C)	600 V	No
CSA	231593 (MA) CR2855 (MA)	C22.2 No. 38 and TIL No. J-32 ULC-S139	Thermosetting Wires Single Conductor Type R90 (Silicone) (Lifeline) FT4/ST1 Listed Fire Resistant Cable: 2 Hour with Hose Stream	14 – 2000 KCMIL 14 – 500 KCMIL	90°C (-25°C)	600 V	Yes
CSA	231593 (MA) CR2855 (MA)	C22.2 No. 208 ULC-S139	Fire Alarm Signal Cable FAS (Lifeline CIC) FT1, FT4/ST1 Listed Fire Resistant Cable: 2 Hour with Hose Stream	22 – 12 16 – 12 2/c only	60°C	300 V	Yes

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 49	Hoistway Cable	20 - 12	60°C & 90°C	300/600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 75	TW, TWU TW75, TWU75	14 - 4/0 14 - 4/0	60°C (-40°C) 75°C (-40°C)	600 V 600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 239	Control Cable (Shield Optional)	18 - 14	75°C (-40°C)	300 V	No
			RW75, R90 (XLPE) FT4 Optional Shields, May be marked "TC" Bostrig 125	18 - 4/0	75°C Wet, 90°C Dry (-40°C)	600 V	No
			RW90 (XLPE) with PVC Jacket, may be marked "TC", "FT4", "Sunlight Resistant" (Black only) (Shield Optional)	18 - 4/0	90°C Wet or Dry (-40°C)	600 V	No
			RW90 (XLPE) with PVC Jacket, may be marked "TC", "FT4", "Sunlight Resistant" (Black only) (Shield Optional)	18 - 4/0	90°C Wet or Dry (-25°C)	600 V	No
			RW90 (XLPE) with TPE Jacket, may be marked "TC", "FT4", "Direct Burial" (Shield Optional)	18 - 4/0	90°C Wet or Dry (-40°C)	600 V	No
			RW90 (XLPE) with CR Jacket, may be marked "TC", "FT4", "Direct Burial" (Shield Optional) Bostrig 125 Type P	18 - 4/0	90°C Wet or Dry (-40°C)	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No 127 Notice 388C	Equipment Wire Type TEW	26 - 4/0	105°C	600 V	No
	LL82790 (PA)		TEWN	18	105°C Dry / 60°C Oil	600 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 245 UL-1309	<u>Shipboard</u> Single Multiconductor May also be marked FT4 Bostrig 125 Type P	18 - 1111 KCMIL	110°C (-40°C) 110°C (-40°C)	2000 V 600 V/2000 V	No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 96	Portable Power Type W, G, & G-GC Multiconductor Round or Flat FT1 Optional FT5 and -50°C or -55°C	12 - 500 KCMIL	90°C (-40°C)	2000 V	Yes
			Type W Single conductor FT1 Optional FT5 and -55°C	8 - 1000 KCMIL	90°C (-50°C)	2000 V	Yes
			Type W Single Conductor "For Hard Usage Only" FT1 Optional FT5 and -55°C	8 - 500 KCMIL	90°C (-50°C)	2000 V	Yes

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
			Arc Welding Cable CPE EP/Neo FT1, FT5	8 - 300 KCMIL	90°C (-35°C) 75°C (-50°C)	None	No
			Type PPC CPE EP/Neo FT1, FT5	8 - 300 KCMIL	90°C (-35°C) 75°C (-50°C)	600 V	No
			Single Conductor Type SH FT1 Optional FT5 and -50°C or -55°C	8 - 500 KCMIL	90°C (-40°C)	2001-25000 V	No
			Multiconductor Type SHD, and SHD-GC FT1 Optional FT5 and -50°C or -55°C Optional Fiber Optic Members	8 - 500 KCMIL	90°C (-40°C)	2000-25000 V	No
			Type PPC TPE/TPE FT4 and FT5	8 - 500 KCMIL	90°C (-40°C)	2000 V	Yes
			Festooning Cable Flat flex FT1 (Shield Optional) PVC/PVC TPE/TPE EPR/CR	18 - 4/0 18 - 4/0 18 - 4/0	105°C (-40°C) 105°C (-50°C) 90°C (-50°C)	600 V 600 V 600 V	Yes Yes No
CSA	231593 (MA) 231593-T (PA)	C22.2 No. 179	Airport Series Lighting Cable	8 – 4 AWG	90°C	5 kV	No
ETL	100648 (MA) 100648-1 (PA) Report # 551892	IEEE-45: 1998, IEEE-1580: 2001, UL-1309	Bostrig 125 Type P Instrumentation Control Distribution	22 - 10 18 - 10 8 - 1111	100°C 100°C 100°C	300/600 V 600 V 600-2000 V	No
ETL	100648 (MA) Report # 563239	ICEA S93-639 UL-1072, IEC 60092-354, IEC 60502, & IEEE- 1580	Bostrig MHV and MHV-LS Low Smoke, or Non Low Smoke, Medium Voltage Marine Shipboard Cable & Industrial Cable Single and Multiconductor	8 - 1111 KCMIL	90°C (IEC) 90°C (NA)	1.8/3 kV (5-100%) 3.6/6 kV (8-100%) 6/10 kV (8-133%) 8.7/15 kV (15-100%) 12/20 kV (15-133%)	No
ETL	100648 (MA) 100648-1 (PA) Report # J98*14076-001	IEEE-45: 1998, IEC 60092-3 and IEC 60332-3 Category A, UL-1309, IEEE- 1580: 2001	Type X, T, and T/N Instrumentation Control Power	22 – 10 18 – 10 8 - 1000 KCMIL	75°C (T), 90°C (X & T/N) 75°C (T), 90°C (X & T/N) 75°C (T), 90°C (X & T/N)	600 V 600 V 600 V	No
ETL	100648 (MA) 100648-1 (PA) Report # J98*31742-001	IEEE-45: 1998, IEEE-1580, IEC 60092-3, IEC 60332-3 Category A, IEC 60754-2, & IEC 61034	Type LSX Instrumentation Control Power	22 - 10 18 - 10 8 - 1000 KCMIL	90°C 90°C 90°C	600 V 600 V 600 V	Yes
ETL	100648 (MA) J960000484-001	UL-1581, UL-44, & UL Subject 1276	Welding Cable Integral Insulation and Jacket	8 - 250 KCMIL	90°C	600 V	No

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
ETL	0503048CRT-001	UL-1651 CSA C22.2 No 232	LSZH Tight Buffer OFNR c(ETL)us	1-256 Fibers	N/A	N/A	Yes
ETL	0506943CRT-001	UL-1651	Loose Tube LSZH or CPE OFN, OFC, OFN-LS, OFC-LS (ETL)us	1-216 Fibers	N/A	N/A	Yes
ETL	0534015CRT-001	UL-1651 CSA C22.2 No 232	Loose Tube PVC OFNR, OFCR c(ETL)us	1-216 Fibers	N/A	N/A	Yes
ETL	3031596CRT-001	UL-1651 CSA C22.2 No 232	Loose Tube PVC/CPE OFNG, OFCG c(ETL)us	1-288 Fibers	N/A	N/A	Yes
ETL	3063310CRT-001	UL-1651 CSA C22.2 No 232	Loose Tube LSZH OFNR, OFCR c(ETL)us	1-144 Fibers	N/A	N/A	Yes
ETL	3069309CRT-001	UL-1651 CSA C22.2 No 232	OFNP, OFCP OFNR, OFCR	2-72 Fibers 1-256 Fibers	N/A	N/A	Yes
ETL	J20012357-002	IEC 60794-1-1 (2000), IEC 60794-1-2 (1999), IEC 60794 -2 (1998), IEC 60754-1 (1994), IEC 60754-2 (1991), IEC 61034-1,-2 (1997), IEC 60332-3 Cat A (1992), IEEE 1202 (1991)	Marine Fiber Optic Cable Unarmored and Armored and Sheath S611T-NN-XXY S670T-NN-XXY Singlemode, 50 micron, 62.5 micron, and 200 micron	2-48 Fibers	N/A	N/A	Yes
DNV	Certificate; E8792, E8793, E8794, E8795, E8796 (MA) E8262, E8263, E8264 (PA)	IEEE-45: 1998, IEEE-1580: 2001 IEC 60092-3 IEC 60332-3 CAT A	Bostrig 125 Type P Power Control Instrumentation	8 - 1111 KCMIL 18 - 10 20 - 14	95°C (-40°C) 95°C (-40°C) 95°C (-40°C)	600/1000 V 600/1000 V 600/1000 V	No
DNV	Certificate; E-8797, E8798, E8799, E8800, (MA)	IEEE-45: 1998, IEEE-1580: 2001 IEC 60092-3 IEC 60332-3 CAT A NEK-606 Par. 2.6	Bostrig 125 Type P Power Control Instrumentation With Mud Resistant Jackets	8 - 1111 KCMIL 18 - 10 20 - 14	95°C (-40°C) 95°C (-40°C) 95°C (-40°C)	600/1000 V 600/1000 V 600/1000 V	No
DNV	Certificate; E8258, E8259, E8260, E8261, File 827.10 (MA)	IEC 60092-354, IEC 60502, IEC 60332-3 CAT A, IEC 60754-1/2, IEC 61034-1/2, ICEA S68-516 and UL-1072	Bostrig MHV and MHV-LS Single and Multiconductor Marine Shipboard Cables	8 - 1111 KCMIL	90°C (-40°C)	1.8/3 kV (5-100%) 3.6/6 kV (8-100%) 6/10 kV (8-133%) 8.7/15 kV (15-100%) 12/20 kV (15-133%)	No

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
DNV	E-7154 E-7155	IEC 60794-1-1 (2000), IEC 60794-1-2 (1999), IEC 60794 -2 (1998), IEC 60754-1 (1994), IEC 60754-2 (1991), IEC 61034-1,-2 (1997), IEC 60332-3 Category A (1992), IEEE 1202 (1991)	Marine Fiber Optic Cable Unarmored and Armored and Sheath S611T-NN-XXY S670T-NN-XXY Singlemode, 50 micron, 62.5 micron, and 200 micron	2-48 Fibers	N/A	N/A	Yes
Transport Canada (Canadian Coast Guard)	9400-20.2 (MA)	IEEE-45: 1983	Bostrig-125 Instrumentation, Power & Control	18 - 1111 KCMIL	110°C 110°C	600 V 2000 V	No
Transport Canada (Canadian Coast Guard)	9400-20.2 (MA)	IEEE-45: 1993 DRAFT	Bostrig 125 Type P Power Control Instrumentation	8 - 1111 KCMIL 18 - 10 22 - 14	100°C 100°C 100°C	600/2000 V 600 V 600 V	No
Transport Canada (Canadian Coast Guard)	9400-20.2 (MA)	ICEA S68-516 UL-1072, IEEE-45, IEC 60092-354, & IEC 60502	Bostrig MHV and MHV-LS Single and Multiconductor Marine Shipboard Cables	8 - 1111 KCMIL	85°C (IEC) 90°C (IEC)	1.8/3 kV (5-100%) 3.6/6 kV (8-100%) 6/10 kV (8-133%) 8.7/15 kV (15-100%) 12/20 kV (15-133%)	No
Transport Canada (Canadian Coast Guard)	9400-20.2 (PA)	IEEE-45: 1998, UL-1309/CSA 245, IEC 60092-3	Type X and T/N Insulation with Type T Jacket Power Control Instrumentation	8 - 1000 KCMIL 18 - 14 20 - 16	90°C 90°C 90°C	600 V 600 V 300 V	No
ABS	06-B670797-X (MA) 04-PA496819 - X (PA)	IEC 60092-3 IEEE-45 1993 Draft UL-1309/CSA 245 IEEE-1580: 2001	Bostrig 125 Type P Power Control Instrumentation	8 - 1111 KCMIL 18 - 10 22 - 14	100°C 100°C 100°C	600/ 2000 V 600 V 600 V	No
		IEC 60092-354, IEC 60502, IEC 60332-3 CAT A, IEC 60754-1/2, IEC 61034-1/2, ICEA S68-516 and UL-1072	Bostrig MHV and MHV-LS Single and Multiconductor Marine Shipboard Cables	8 - 1111 KCMIL	90°C (IEC) 90°C (NA)	1.8/3 kV (5-100%) 3.6/6 kV (8-100%) 6/10 kV (8-133%) 8.7/15 kV (15-100%) 12/20 kV (15-133%)	No
		IEEE-45: 1998, IEEE-1580: 2001, IEC 60092-3, IEC 60332-3 Category A, IEC 60754-2, & IEC 61034	Type LSX Insulation with Type TPO Jacket Marine Shipboard Cables Power Control Instrumentation	14 - 1111 KCMIL 18 - 10 22 - 14	90°C 90°C 90°C	600 V 600 V 600 V	Yes

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
ABS	06-B670797-X	IEC 60794-1-1 (2000), IEC 60794-1-2 (1999), IEC 60794 -2 (1998), IEC 60754-1 (1994), IEC 60754-2 (1991), IEC 61034-1,-2 (1997), IEC 60332-3 Cat A (1992), IEEE 1202 (1991)	Marine Fiber Optic Cable Unarmored and Armored and Sheath S611T-NN-XXY S670T-NN-XXY Singlemode, 50 micron, 62.5 micron, and 200 micron	2-48 Fibers	N/A	N/A	Yes
ABS	04-PA496819-X (PA)	ABS Steel Vessel Rules 4/5C.7, 4/3C.7 of MODU Rules, IEC 60092-3, IEC 60332-3 CAT A, IEEE-45 1998, IEEE-1580: 2001	Marine Shipboard Cable Power Control Instrumentation	14 - 1000 KCMIL 18 - 10 20 - 16			No
			Type X Insulation with Type T Jacket		90°C (NA) 85°C (IEC)	600/2000 V 600/1000 V	No
			Type T/N Insulation With Type T Jacket		90°C (NA) IEC Not Recognized	600 V -	No
			Type T Insulation with Type T Jacket		75°C (NA) 75°C (IEC)	600 V 600/1000 V	No
LLOYDS REGISTRY	95/60161(E3) 95/60162(E3)	IEC 60092-3 IEC 60332-3 CAT A	Bostrig 125 Type P Power Control Instrumentation	8 - 1111 KCMIL 18 - 10 22 - 14	95°C 95°C 95°C	600/1000 V 600/1000 V 600/1000 V	No
LLOYDS REGISTRY	Certificate; 99/60048 (E1) 99/60049 (E1) (MA)	IEC 60092-354, IEC 60502, IEC 60332-3 CAT A, IEC 60754-1/2, IEC 61034-1/2, ICEA S68-516 and UL-1072	Bostrig MHV and MHV-LS Single and Multiconductor Marine Shipboard Cables	8 - 1111 KCMIL	85°C (-40°C)	1.8/3 kV (5-100%) 3.6/6 kV (8-100%) 6/10 kV (8-133%) 8.7/15 kV (15-100%) 12/20 kV (15-133%)	No
LLOYDS REGISTRY	96/60031(E2) (PA)	IEEE-45: 1998, IEC 60092-3, IEC 60332-1, and IEC 60332-3 CAT A	Marine Shipboard Cable Type X Insulation With Type T Jacket Power Control Instrumentation	14 - 1000 KCMIL 18 - 14 20 - 16	90°C 90°C 90°C	600V 600V 300V	No
LLOYDS REGISTRY	99/60005(E1) (PA)	IEEE-45: 1998, IEC 60092-3, IEC 60332-1, and IEC 60332-3 CAT A	Marine Shipboard Cable Type T Insulation With Type T Jacket Power Control Instrumentation	20 - 1000 KCMIL	90°C 90°C 90°C	600V 600V 300V	No
LLOYDS REGISTRY	99/60004(E1) (PA)	IEEE-45: 1998, IEC 60092-3, IEC 60332-1, and IEC 60332-3 CAT A	Marine Shipboard Cable Type T/N Insulation With Type T Jacket Power Control Instrumentation	20 - 1000 KCMIL	90°C 90°C 90°C	600V 600V 300V	No

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
LLOYDS REGISTRY	00/60157(E2)	IEC 60794-1-1 (2000), IEC 60794-1-2 (1999), IEC 60794 -2 (1998), IEC 60754-1 (1994), IEC 60754-2 (1991), IEC 61034-1,-2 (1997), IEC 60332-3 Cat A (1992), IEEE 1202 (1991)	Marine Fiber Optic Cable Unarmored and Armored and Sheath S611T-NN-XXY S670T-NN-XXY Singlemode, 50 micron, 62.5 micron, and 200 micron	2-48 Fibers	N/A	N/A	Yes
RUS (Formerly REA)	USDA Publication 374-2 (PA)	RUS Outside Plant Guideline #3 "Underground Conduit System" (NEMA TC 7)	Empty Conduit NEMA TC 7	1" - 4"	N/A	N/A	Yes
Military QPL	QPL-915F (MA)	MIL-C-915F /1 6 /8 /9 /10 /47 /48 /58 /66 /67 /74	Shipboard CVSF-4 DHO, THO, FHO DSS, TSS, FSS, 7SS JAS-250 MCSF-4 1SWF-2 2SWF MWF MSPW MSP 5SS	3, 5 2 1/2 - 600* 14-- 8 12, 250 KCMIL 6, 1 22 22 18 22, 20, 16 22, 20, 16 18 *Navy Size	Per Specification Sheet	600V 600V 600V 600V 600V — — 600V — — 600V	No No No No No Yes Yes No No No
Military QPL	QPL-13777 (MA)	MIL-C-13777	Group A, B	Per Spec Sheet	N/A	N/A	Yes
Military QPL	QPL-3702 (MA)	MIL-C-3702	Ignition Cable M3702- U5MC U7MC U5MS U7MS S5MC S7MC S5MS S7MS U5HC U7HC U5HS U7HS S5HC S7HC S5HS S7HS	16 16 20 20 16 16 20 20 16 16 20 20 16 16 20 20 16 16 20 20	-65°F, 450°F -65°F, 450°F -65°F, 450°F -65°F, 450°F -65°F, 450°F -65°F, 450°F -65°F, 450°F -65°F, 450°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F -65°F, 600°F	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Yes
Military QPL	QPL-8777 (MA)	MIL-W-8777	Silicone insulation MS 25471-22 Through 02 MS 27110-22 Through 4	22 - 2 22 - 4	200°C 200°C	600V 600V	Yes
Military QPL	QPL-24643 (MA)	MIL-C-24643 /3 /15 /16 /17 /18 /20	Shipboard LSDHOF, LSTHOF, LSFHOF LSDSGU, A LSTSGU, A LSFSGU, A LSMSCU, A, LSMSCS LS7SGU, A	16 - 600 KCMIL 16 - 7 16 - 7 16 - 7 18 16 - 7	Per Spec Sheet	600V 1000V 1000V 1000V 1000V 1000V	No Yes Yes Yes Yes Yes

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
Military QPL	QPL-13486 (MA)	MIL-C-13486 Type 1, Class A Group 1 Group 2 Group 3 Group 10 Group 11 Type 1, Class B Group 5 Group 6 Type II, Class B Group 7	Low Tension Heavy Duty M13486/1-6 /1-5 /1-4 /1-3 /1-10 /1-9 /1-7 /1-12 /1-2 /1-8 /6 /7 /8 /9 /10 /11 /14-1 /5-1 /12 /13	14 14 16 16 6 8 12 2 18 10 (2) 8, 2 14 6, (2) 8 14 14 (3) 13, (3) 14 (2) 16, (2) 10 18 14 20	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	No
Military QPL	QPL -85045 (MA)	MIL-PRF-85045	Fiber Optic Shipboard Cables M85045/13 M85045/15 M85045/16 M85045/17 M85045/18	8 Fiber TP 4 Fiber TP 1 Fiber TP 8 Fiber TS 4 Fiber TS	-28°C to 65°C	N/A	Yes
Military QPL	QPL -49291 (MA)	MIL-PRF-49291	Optical Fiber M49291/1-01 M49291/1-02 M49291/6-03 M49291/6-05 M49291/7-01	50/125/245 µm 50/125/500 µm 62.5/125/245 µm 62.5/125/500 µm 8.7/125/245 µm	-55°C to +85°C	N/A	Yes
MSHA	138-19 MSHA P-138-19 MSHA (MA)	30 CFR Part 18	Bostflex SOW (EPR/Nitrile)	16 - 12 2 - 36 Conductor	105°C	600V	No
MSHA	138-24 MSHA P-138-24 MSHA (MA)	30 CFR Part 18	All Temp Industrite RHW, RHH, SOW (EPR/Neo)	16 - 12 AWG 1 - 36 Conductor 10 AWG 1 - 12 Conductor 8 - 4 AWG 1 - 10 Conductor 2 - 4/0 AWG 1 - 6 Conductor 250 - 1000 KCMIL 1 Conductor.	90°C	600V 600/2000V	No
MSHA	138-27 MSHA P-138-27 MSHA (MA)	30 CFR Part 18	SOOW Bostcord (EPR/Nitrile)	18 AWG 3 - 5 Conductor 16 - 12 AWG 2 - 5 Conductor 10 AWG 2 - 4 Conductor	90°C	600V	No
MSHA	138-22 MSHA (MA)	30 CFR Part 18	Type W (EPR/Neo)	8 - 4/0	105°C	600/2000V	No
MSHA	138-MSHA (MA)	30 CFR Part 18	G-GC Type W (Flat)	8 - 500 KCMIL 14 - 500 KCMIL	90°C 90°C	600/1000V 600V	No
MSHA	7K-270087, P-7K270087 (MA)	30 CFR Part 7, Sub Part K	Type W (Multiconductor), G, G- GC, and SHD-GC (EPR/CSPE)	8 - 500 KCMIL	90°C	2000V	No

Certifying Agency	File Number	Applicable Standard	Approved Product Description	AWG Size	Temperature Rating	Voltage Rating	RoHS
MSHA	7K-270088, P-7K270088 (MA)	30 CFR Part 7, Sub Part K	Type SOW and SOOW (EPR/CSPE)	18 - 10	90°C	600V	No
MSHA	7K-270089, P-7K270089 (MA)	30 CFR Part 7, Sub Part K	Type SHD, and SHD-GC (EPR/CSPE) Optional Fiber Optics	8 - 500 KCMIL	90°C	5-15 kV	No
MSHA	7K-270090, P-7K270090 (MA)	30 CFR Part 7, Sub Part K	Type SHD, and SHD-GC (EPR/Neo) Optional Fiber Optics	8 - 500 KCMIL	90°C	5-15 kV	No
MSHA	7K-270099, P-7K270099 (MA)	30 CFR Part 7, Sub Part K	Type W (single Conductor) (EPR/CSPE)	8 - 1000 KCMIL	90°C	600/2000V	Yes
MSHA	7K-270133, P-7K270133 (MA)	30 CFR Part 7, Sub Part K	Welding Cable (CPE)	2 - 250 KCMIL	90°C	600 V	No
MSHA	7K-260044, P-7K260044 (PA)	30 CFR Part 7, Sub Part K	Flat Mining Cable THHN or THWN Type G	8 – 750 KCMIL	75°C Wet / 90°C Dry	600V	Yes
MSHA	7K-260142, P-7K-260142 (PA)	30 CFR Part 7, Sub Part K	Shielded VFD Cable	14 – 1000 Kcmil	90°C wet or Dry	600V	No
MSHA	7K-FO-263159	30 CFR Part 7, Sub Part K	Tactical Fiber Optic Cable (PU) – S835	2-12 Fibers	N/A	N/A	Yes
MSHA	7K-FO-263150	30 CFR Part 7, Sub Part K	Fiber Optic Cable – Tight Buffered Breakout (PVC/PVC) – S816	2-36 Fibers	N/A	N/A	No
MSHA	7K-FO-263066	30 CFR Part 7, Sub Part K	Fiber Optic Cable – Loose Tube (PVC) - RLTM	2-144 Fibers	N/A	N/A	Yes
MSHA	07-KA050007	30 CFR Part 7, Sub Part K	Tactical Fiber Optic Cable (PU/PU) – S890	2-12 Fibers	N/A	N/A	Yes
Telecordia	DA-932	TR-206 & GR-356	1" Pressurized Air Feeder Pipe	1"	N/A	N/A	Yes
Telecordia	DA-1122	TR-206 & GR-356	½" Pressurized Air Feeder Pipe* * Armored Version is also available	½"	N/A	N/A	Yes
FAA	AC 150/5345-53	FAA L824 Airport Series Lighting Cable	Type B EPR/PVC, EPR/CPE Type C XLP, XLP/PVC, XLP/CPE	8 – 4 8 – 4	90°C	5000V	No