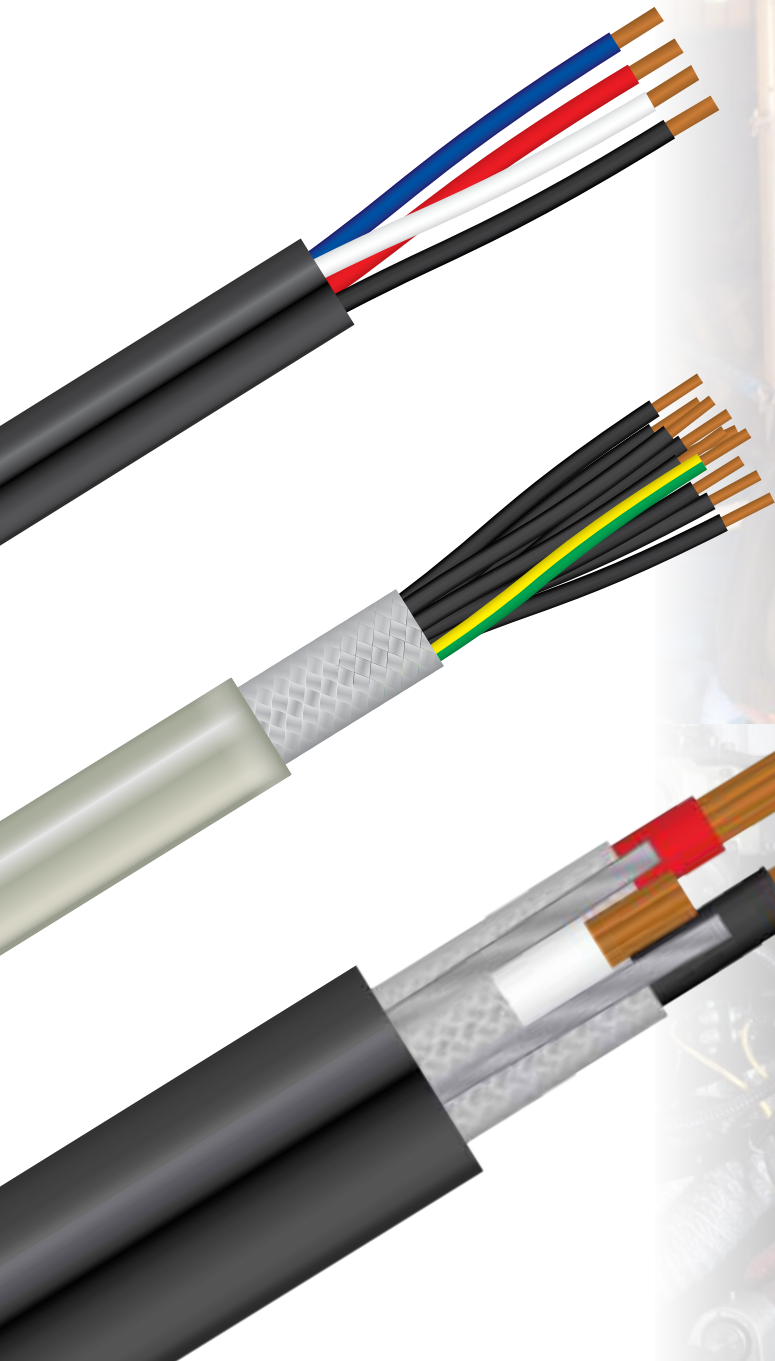




NORAMCO

PORTABLE CORD CATALOGUE





Noramco has been recognized as a leader in Power Cable distribution for over 40 years. From our early beginnings in the early '70s, Noramco has continued to work with world class manufacturers from around the globe. Each one of our branches is staffed with industry experts, many of those branches have several employees with over 20 years of industry experience.

Specialty cables are our strength. Noramco has long been known for its ability to source out that special cable you require, so that you, our customer, can provide a total solution to your clients.

“When you have to trust the service, trust Noramco” is our service motto. Service is something we take seriously, and our goal is to provide you with our best, everyday.

For all your electrical needs, contact the Noramco location nearest you.

INVENTORY

- Cut to length
- Long length capabilities
- Material Management Program
- International capabilities
- Special packaging

PACKAGING

- Reels, coils, spools
- Lagging
- Parallel feeds
- Labelling
- Customized cable identification
- Armouring
- Stripping

SYSTEM

- Real time inventory system
- Inventory sharing
- Reel Serialization
- Visuals of national inventory
- Historical information
- Customized reporting
- EDI

VALUE ADDED

- 24/7 emergency service
- Electronic contact with sales department
- Web site to source information
- Fast pick-ups

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SJOOW SERVICE CORD

Conductor Bare annealed copper ASTM B-174 flexible bunch strands

Insulation Colour Coded Synthetic rubber

Jacket Black, oil and weather resistant CPE

Temperature -40°C to +90°C

Voltage 300V

Applications Designed for outdoor/indoor use with industrial equipment, heavy tools motors and welding leads, power extensions, portable machinery, sound equipment, portable stage lights, marine dockside power and mining applications. Also completely water submersible.

Approvals CSA C22.2 No. 49 FT1/FT2, UL-62, ROHS Compliant

Packaging 75m, 150m & 300m spools, Long length Reels cut to length.

Colour Code 2c - Black, White 3c - Black, White, Green 4c - Black, White, Red, Green
*Green Conductor used for grounding purposes only



Product	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
12A1802	18	2	16	0.03	0.03	0.283	10	48
12A1803	18	3	16	0.03	0.03	0.3	10	61
12A1804	18	4	16	0.03	0.03	0.329	7	79
12A1602	16	2	26	0.03	0.03	0.308	13	59
12A1603	16	3	26	0.03	0.03	0.328	13	81
12A1604	16	4	26	0.03	0.03	0.354	10	100
12A1402	14	2	41	0.03	0.03	0.339	18	79
12A1403	14	3	41	0.03	0.03	0.363	18	103
12A1404	14	4	41	0.03	0.03	0.394	15	126
12A1202	12	2	65	0.03	0.045	0.41	25	108
12A1203	12	3	65	0.03	0.045	0.43	25	148
12A1204	12	4	65	0.03	0.045	0.475	20	177

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SOOW SERVICE CORD

Conductor Bare annealed copper ASTM B-174 flexible bunch strands

Insulation Colour Coded Synthetic rubber

Jacket Black, oil and weather resistant CPE

Temperature -40°C to +90°C

Voltage 600V

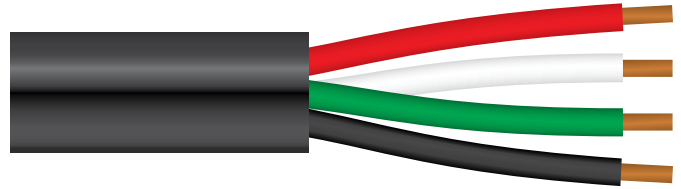
Applications Designed for outdoor/indoor use with industrial equipment, heavy tools, motor and welding leads, power extensions, portable machinery, sound equipment, portable stage lights, marine dockside power and mining applications. Also completely water submersible.

Approvals CSA C22.2 No. 49 FT1/FT2, UL-62, MSHA, ROHS Compliant

Packaging 75m, 150m & 300m spools, Long length reels cut to length.

Colour Code 2c - Black, White 3c - Black, White, Green 4c - Black, White, Red, Green
5c - Black, White, Red, Orange, Green

*Green Conductor used for grounding purposes only



Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
12F1802	18	2	16	.030	.060	.340	10	71
12F1803	18	3	16	.030	.060	.360	10	84
12F1804	18	4	16	.030	.060	.385	7	100
12F1805	18	5	16	.030	.060	.465	6	141
12F1602	16	2	26	.030	.060	.365	13	83
12F1603	16	3	26	.030	.060	.385	13	101
12F1604	16	4	26	.030	.060	.410	10	119
12F1605	16	5	26	.030	.080	.490	8	157
12F1402	14	2	41	.045	.080	.495	18	154
12F1403	14	3	41	.045	.080	.520	18	171
12F1404	14	4	41	.045	.080	.560	15	212
12F1405	14	5	41	.045	.095	.635	12	265
12F1202	12	2	65	.045	.095	.565	25	195
12F1203	12	3	65	.045	.095	.590	25	230
12F1204	12	4	65	.045	.095	.640	20	281
12F1205	12	5	65	.045	.095	.705	16	349
12F1002	10	2	104	.045	.095	.615	30	237
12F1003	10	3	104	.045	.095	.650	30	293
12F1004	10	4	104	.045	.095	.700	25	357
12F1005	10	5	104	.045	.095	.760	20	461
12F0803	8	3	65	.060	.110	.830	40	476
12F0804	8	4	65	.060	.125	.925	35	605
12F0805	8	5	65	.060	.125	1.020	28	781
12F0603	6	3	133	.060	.125	.970	55	677
12F0604	6	4	133	.060	.140	1.050	45	857
12F0605	6	5	133	.060	.140	1.200	36	979
12F0403	4	3	133	.060	.140	1.130	70	956
12F0404	4	4	133	.060	.155	1.250	60	1262
12F0405	4	5	133	.060	.155	1.390	48	1562
12F0203	2	3	133	.060	.155	1.300	95	1250
12F0204	2	4	133	.060	.170	1.450	80	1640
12F0205	2	5	133	.060	.170	1.610	64	1925

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SOOW MULTI CONDUCTOR PORTABLE CONTROL CABLE

Conductor Bare class K extra flexible soft annealed copper per ASTM B-174

Insulation Colour coded synthetic rubber

Jacket Black oil and weather resistant CPE

Temperature -40°C to +90°C

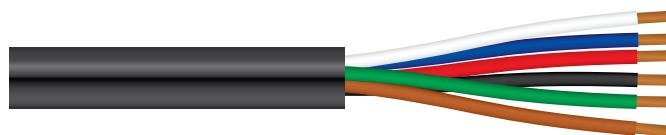
Voltage 600V

Applications Designed for outdoor/indoor use in signal circuits and control uses in industrial plants, breweries, theatres, steel mills, process facilities and construction sites. Production line push button controls, systems and alarms.

Approvals CSA C22.2 No. 49 FT1/FT2, UL-62, RoHS Compliant, MSHA Approved

Packaging 300m spools, Long length Reels cut to length.

Colour Code Per ICEA table K-1 (Chart 16)



Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
15A1806	18	6	16	.030	.080	.510	5.6	150
15A1807	18	7	16	.030	.080	.510	4.9	160
15A1808	18	8	16	.030	.080	.560	4.9	180
15A1810	18	10	16	.030	.080	.620	3.5	215
15A1812	18	12	16	.030	.080	.640	3.5	240
15A1814	18	14	16	.030	.080	.710	3.5	290
15A1816	18	16	16	.030	.095	.750	3.5	320
15A1820	18	20	16	.030	.095	.820	3.5	375
15A1824	18	24	16	.030	.095	.890	3.1	440
15A1830	18	30	16	.030	.095	.970	3.1	515
15A1850	18	50	16	.030	.110	1.13	1.30	803
15A1606	16	6	26	.030	.080	.550	8	170
15A1607	16	7	26	.030	.080	.550	7	190
15A1608	16	8	26	.030	.080	.560	7	210
15A1610	16	10	26	.030	.080	.670	5	265
15A1612	16	12	26	.030	.095	.720	5	325
15A1614	16	14	26	.030	.095	.750	5	360
15A1616	16	16	26	.030	.095	.790	5	395
15A1618	16	18	26	.030	.095	.830	5	435
15A1620	16	20	26	.030	.095	.870	5	475
15A1624	16	24	26	.030	.095	.940	4.5	555
15A1630	16	30	26	.030	.110	1.04	4.5	695
15A1637	16	37	26	.030	.110	1.10	4	810
15A1640	16	40	26	.030	.110	1.12	4	870
15A1406	14	6	41	.045	.095	.705	10.5	310
15A1407	14	7	41	.045	.095	.705	10.5	360
15A1408	14	8	41	.045	.095	.760	10.5	430
15A1410	14	10	41	.045	.095	.815	7.5	450
15A1412	14	12	41	.045	.095	.855	7.5	550
15A1414	14	14	41	.045	.110	.915	7.5	570
15A1416	14	16	41	.045	.110	.995	7.5	665
15A1420	14	20	41	.045	.110	1.070	7.5	800
15A1424	14	24	41	.045	.110	1.160	6.8	980
15A1436	14	36	41	.045	.125	1.40	6	1350
15A1437	14	37	41	.045	.125	1.445	6.0	1680

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

CONTINUED ON NEXT PAGE

SOOW MULTI CONDUCTOR PORTABLE CONTROL CABLE

CONTINUED FROM PREVIOUS PAGE

Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
15A1206	12	6	65	.045	.095	.740	16	385
15A1207	12	7	65	.045	.095	.740	14	415
15A1208	12	8	65	.045	.095	.795	14	465
15A1209	12	9	65	.045	.095	.850	14	510
15A1210	12	10	65	.045	.095	.885	10	590
15A1212	12	12	65	.045	.110	.930	10	685
15A1214	12	14	65	.045	.110	1.02	10	730
15A1216	12	16	65	.045	.110	1.12	10	860
15A1220	12	20	65	.045	.110	1.16	10	1025
15A1224	12	24	65	.045	.125	1.34	9	1226
15A1230	12	30	65	.045	.125	1.42	9	1470
15A1237	12	37	65	.045	.125	1.58	8	1749
15A1006	10	6	104	.045	.095	.840	20	465
15A1007	10	7	104	.045	.095	.840	17.5	511
15A1008	10	8	104	.045	.095	.880	17.5	595
15A1010	10	10	104	.045	.110	1.04	12.5	750
15A1012	10	12	104	.045	.110	1.09	12.5	880
15A1016	10	16	104	.045	.110	1.235	12.5	1110
15A1020	10	20	104	.045	.125	1.365	12.5	1388

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SJTW THERMOPLASTIC SERVICE CORD

- Conductor** Bare annealed copper ASTM B-174 flexible bunch strands
- Insulation** Colour coded PVC
- Jacket** Yellow or Orange, oil and weather resistant PVC
- Temperature** -20°C to +60°C
- Voltage** 300V
- Applications** Designed for outdoor use with portable tools, lawn mowers, barbecues.
- Approvals** CSA C22.2 No. 49 FT1/FT2, UL-62, ROHS Compliant
- Packaging** 75m & 300m spools.
- Colour Code** 3c -Black, White, Green *Green Conductor used for grounding purposes only

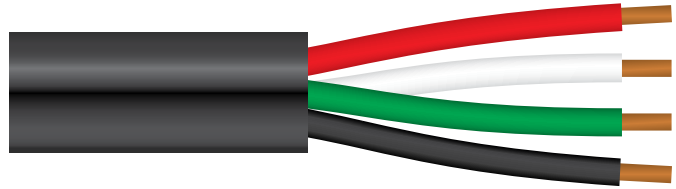


Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
13B1803	18	3	16	0.03	0.03	0.309	10	45
13B1603	16	3	26	0.03	0.03	0.330	15	65
13B1403	14	3	41	0.03	0.03	0.365	18	90

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

STW THERMOPLASTIC SERVICE CORD

- Conductor** Bare annealed copper ASTM B-174 flexible bunch strands
- Insulation** Colour coded PVC
- Jacket** Yellow or Black PVC
- Temperature** -40°C to +60°C
- Voltage** 600V
- Applications** Designed for outdoor use with portable tools, snow blowers, barbecues.
- Approvals** CSA C22.2 No. 49, UL-62
- Packaging** 75m & 300m spools.
- Colour Code** 3c -Black, White, Green 4C-Black, White, Red, Green
*Green Conductor used for grounding purposes only



Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
13D1403	14	3	41	.045	.080	.530	18	138
13D1203	12	3	65	.048	.095	.605	25	193
13D1204	12	4	65	.045	.095	.650	20	232
13D1003	10	3	104	.050	.095	.670	30	274
13D1004	10	4	104	.050	.095	.750	25	337
13D0804	8	4	161	.060	.14	1.10	35	699

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

HPN HEATER CORD

- Conductor** Bare copper per ASTM B-174
- Insulation** Black CPE
- Temperature** -20°C to +90°C
- Voltage** 300V
- Applications** Designed for use on appliances such as coffee makers, electric kettles, toasters, fry pans, soldering irons and paint removers.
- Construction** 3 conductor are laid parallel with the centre conductor a green covered ground.
- Approvals** CSA C22.2 No. 49 FT1/FT2, UL-62
- Packaging** 75m spools
- Colour Code** 2c - Black, White 3c - Black, White, Green
*Green Conductor used for grounding purposes only



Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
10C1802	18	2	41	.045	.138 x .271	10	30
10C1602	16	2	65	.045	.150 x .291	15	38
10C1603	16	3	65	.045	.150 x .365	15	50

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SVT 60°C VACUUM CLEANER CORD

- Conductor** Bare flexible annealed copper ASTM B-174
 - Insulation** Colour coded PVC
 - Jacket** White or Black PVC
 - Temperature** -20°C to +60°C
 - Voltage** 300V
 - Applications** Designed for use with vacuum cleaners, portable tools & lights, food mixers.
 - Approvals** CSA C22.2 No. 49 FT1/FT2, UL-62, RoHS Compliant
 - Packaging** 75m spools.
 - Colour Code** 2c -Black, White, 3c-Black, White, Green
- *Green Conductor used for grounding purposes only



Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
13E1802	18	2	41	0.015	0.03	0.245	10	31
13E1803	18	3	41	0.015	0.03	0.250	10	39

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SVT 105°C VACUUM CLEANER CORD

- Conductor** Bare flexible annealed copper ASTM B-174
 - Insulation** Colour coded PVC
 - Jacket** White or Black PVC
 - Temperature** -20°C to +105°C
 - Voltage** 300V
 - Applications** Designed for use with vacuum cleaners, portable tools & lights, food mixers.
 - Approvals** CSA C22.2 No. 49 FT1/FT2, UL-62, RoHS Compliant
 - Packaging** 75m spools.
 - Colour Code** 2c -Black, White, 3c-Black, White, Green
- *Green Conductor used for grounding purposes only



Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. Jacket Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
13F1802	18	2	41	0.015	0.03	0.245	10	1
13F1803	18	3	41	0.015	0.03	0.250	10	39

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

FLAT FESTOON CABLE

Conductor Bare extra flexible soft annealed copper
Insulation Colour coded PVC
Jacket Yellow PVC
Temperature -40°C to +105°C
Voltage 600V
Applications Designed for overhead cranes, hoists, monorails and other industrial applications.
Approvals CSA, UL
Packaging 300m spools, Long length Reels cut to length.
Colour Code Nema standard



Product Code	Cond. Size	# of Cond.	Cond. Strand	AMPS* Continuous Duty Rating at 30C Ambient	Amps Short Time Rating 60 Min.	Amps Short Time Rating 30 Min.	Nom. O.D. (Inches)	Ship. Weight lbs/mft
15B1608	16	8	65	15	N/A	N/A	.222 x 1.180	180
15B1612	16	12	65	15	N/A	N/A	.225 x 1.680	280
15B1404	14	4	41	25	31	32	.280 x 0.690	120
15B1408	14	8	41	17	N/A	N/A	.280 x 1.280	180
15B1412	14	12	41	17	N/A	N/A	.225 x 1.820	340
15B1204	12	4	65	30	36	40	.250 x .0800	120
15B1207	12	7	65	21	N/A	N/A	.280 x 1.250	290
15B1208	12	8	65	20	N/A	N/A	.280 x 1.400	310
15B1004	10	4	105	40	49	52	.276 x 0.880	240
15B0804	8	4	168	50	63	69	.360 x 1.230	450
15B0604	6	4	266	75	83	94	.470 x 1.505	580
15B0404	4	4	420	95	111	130	.550 x 1.720	750
15B0204	2	4	665	130	148	173	.580 x 2.020	950

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SVT RETRACTILE CABLE CORD

Conductor Standard bare copper
Insulation PVC
Jacket White or Black PVC
Temperature +105°C
Voltage 300V
Applications Designed as power supply cord on machine tools, communication equipment, test equipment, power and distribution equipment, home appliances, lighting, mobile controls and numerous other applications.
Approvals CSA, UL
Colour Code Black, White, Green



Product Code	Retracted Length	Extended Length	Tangent Lead Both Ends
18AA1802	12 Inches	5 Feet	12 Inches
18AB1802	24 Inches	10 Feet	6 Inches
18AC1802	36 Inches	15 Feet	6 Inches
18AD1802	48 inches	20 Feet	6 Inches
18AE1802	8 Feet	40 Feet	6 Inches

Product Code	Cond. Size	# of Cond.	Cond. Strand	Cable O.D. (Inches)	Coil O.D. (inches)	AMPS*	Ship. Weight lbs/mft
18AD1802	18	2	41x34	0.26	7/8	10	1.1
18AD1803	18	3	41x34	0.275	7/8	10	1.2

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SJT RETRACTILE CABLE CORD

Conductor Stranded bare copper
Insulation PVC
Jacket White or Black PVC
Temperature +105°C
Voltage 300V
Applications Designed as power supply cord on machine tools, communication equipment, test equipment, power and distribution equipment, home appliances, lighting, mobile controls and numerous other applications.
Approvals CSA, UL
Colour Code Black, White, Green, Red



Product Code	Retracted Length	Extended Length	Tangent Lead Both Ends
18BA1802	12 Inches	5 Feet	12 Inches
18BB1802	24 Inches	10 Feet	6 Inches
18BC1802	36 Inches	15 Feet	6 Inches
18BD1802	48 inches	20 Feet	6 Inches
18BE1802	8 Feet	40 Feet	6 Inches

Product Code	Cond. Size	# of Cond.	Cond. Strand	Cable O.D. (Inches)	Coil O.D. (inches)	AMPS*	Ship. Weight lbs/mft
18BD1802	18	2	41x34	0.26	1	10	1.3
18BD1803	18	3	41x34	0.275	1 3/8	10	1.4
18BD1804	18	4	41x35	0.36	1 3/8	7	1.7
18BD1602	16	2	65x34	0.315	1 1/8	13	1.5
18BD1603	16	3	65x34	0.355	1 3/8	13	1.6
18BD1604	16	4	65x34	0.41	1 5/8	10	2.6

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SVO RETRACTILE CABLE CORD

Conductor Standard bare copper
Insulation PVC
Jacket Black, oil resistant thermoset
Temperature +90°C
Voltage 300V
Applications Designed as power supply cord on machine tools, communication equipment, test equipment, power and distribution equipment, home appliances, lighting, mobile controls and numerous other applications.
Approvals CSA C22.2 No. 49, UL-62, RoHS Compliant
Colour Code Black, White, Green



Product Code	Retracted Length	Extended Length	Tangent Lead Both Ends
18CA1802	12 Inches	5 Feet	12 Inches
18CB1802	24 Inches	10 Feet	6 Inches
18CC1802	36 Inches	15 Feet	6 Inches
18CD1802	48 inches	20 Feet	6 Inches
18CE1802	8 Feet	40 Feet	6 Inches

Product Code	Cond. Size	# of Cond.	Cond. Strand	Cable O.D. (Inches)	Coil O.D. (inches)	AMPS*	Ship. Weight lbs/mft
18CD1802	18	2	41x34	0.26	7/8	7	1.3
18CD1803	18	3	41x34	0.275	1	7	1.5

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SJO RETRACTILE CABLE CORD

Conductor Standard bare copper
Insulation Rubber
Jacket Black, oil resistant thermoset
Temperature +90°C
Voltage 300V
Applications Designed as power supply cord on machine tools, communication equipment, test equipment, power and distribution equipment, home appliances, lighting, mobile controls and numerous other applications.
Approvals CSA, UL
Colour Code 2c-Black, White 3c-Black, White, Green 4c-Black, White, Green, Red



Product Code	Retracted Length	Extended Length	Tangent Lead Both Ends
18DA1802	12 Inches	5 Feet	12 Inches
18DB1802	24 Inches	10 Feet	6 Inches
18DC1802	36 Inches	15 Feet	6 Inches
18DD1802	48 inches	20 Feet	6 Inches
18DE1802	8 Feet	40 Feet	6 Inches

Product Code	Cond. Size	# of Cond.	Cond. Strand	Cable O.D. (Inches)	Coil O.D. (inches)	AMPS*	Ship. Weight lbs/mft
18DD1802	18	2	41x34	0.32	1 3/16	7	1.8
18DD1803	18	3	41x34	0.35	1 3/8	7	2.3
18DD1804	18	4	41x35	0.385	1 7/16	7	2.5
18DD1602	16	2	65x34	0.385	1 3/8	10	2.3
18DD1603	16	3	65x34	0.39	1 7/16	10	2.9
18DD1604	16	4	65x34	0.425	1 1/2	8	3.6

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

SO RETRACTILE CABLE CORD

Conductor Standard bare copper
Insulation Rubber
Jacket Black, oil resistant thermoset
Temperature +90°C
Voltage 600V
Applications Designed as power supply cord on machine tools, communication equipment, test equipment, power and distribution equipment, home appliances, lighting, mobile controls and numerous other applications.

Approvals CSA, UL
Colour Code Up to 6c-Black, White, Green, Red, Yellow, or Orange, Brown 18-10c and 16-8c-Black, White, Green, Red, Orange, Blue, Wht/Blk tracer, Red/Blk tracer, Grn/Blk tracer, Org/Blk tracer. 14-7c and 12-7c-Black, White, Green, Red, Orange, Blue, Wht/Blk tracer



Product Code	Retracted Length	Extended Length	Tangent Lead Both Ends
18EA1803	12 Inches	5 Feet	12 Inches
18EB1803	24 Inches	10 Feet	6 Inches
18EC1803	36 Inches	15 Feet	6 Inches
18ED1803	48 inches	20 Feet	6 Inches
18EE1803	8 Feet	40 Feet	6 Inches

Product Code	Cond. Size	# of Cond.	Cond. Strand	Cable O.D. (Inches)	Coil O.D. (inches)	AMPS*	Ship. Weight lbs/mft
18ED1803	18	3	41x34	.350	1 3/8	7	2.3
18ED1804	18	4	41x34	.385	1 7/16	7	2.5
18ED1810	18	10	41x35	.650	2 3/8	4.9	7.2
18ED1603	16	3	65x34	.470	1 13/16	10	3.9
18ED1604	16	4	65x34	.500	1 7/8	8	4.3
18ED1605	16	5	65x34	.540	2 1/8	8	5.5
18ED1606	16	6	65x34	.545	2	8	5.7
18ED1608	16	8	65x34	.626	2 1/2	7	7.4
18ED1402	14	2	41x30	.540	2 1/8	15	4.6
18ED1403	14	3	41x30	.560	2 1/8	15	5.7
18ED1404	14	4	41x30	.605	2 1/4	12	6.6
18ED1407	14	7	41x30	.720	2 7/8	7	11
18ED1203	12	3	65x30	.635	2 3/8	20	7.33
18ED1204	12	4	65x30	.678	2 3/8	16	8.7
18ED1207	12	7	65x30	.775	2 5/8	16	13
18ED1004	10	4	104x30	.745	2 3/4	20	13.2

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

DLO DIESEL LOCOMOTIVE CABLE

Conductor Extra Flexible annealed tinned copper
Insulation EPR rubber
Jacket Extra hard usage black, oil and weather resistant CPE thermoset



Temperature -40°C to +90°C
Voltage 2000V

Applications Designed for the wiring of diesel electric locomotives and rail car equipment. Also recommended for high flexible uses such as motor or generator leads, battery lead wires, jumper leads and offshore drilling rig applications.

****Approvals** CSA FT4, UL, OSHA, ICEA-Nema Standards, IEEE 383

Packaging Long length Reels cut to length

Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
16D0201A	2	1	147x.0201	0.06	0.52	184	295
16D01A	1/0	1	275x.0201	0.08	0.69	268	515
16D001A	2/0	1	324x.0201	0.08	0.73	298	580
16D0001A	3/0	1	448x.0201	0.08	0.81	342	770
16D00001A	4/0	1	551x.0201	0.08	0.87	415	930
16D26201A	262	1	646x.0201	0.095	1	461	1130
16D31301A	313	1	779x.0201	0.095	1.06	514	1295
16D37301A	373	1	925x.0201	0.095	1.1	575	1545
16D44401A	444	1	1110x.0202	0.095	1.23	641	1820
16D53501A	535	1	1332x.0203	0.12	1.34	720	2195
16D64601A	646	1	1591x.0204	0.11	1.45	811	2560
16D77701A	777	1	1924x.0205	0.11	1.5	911	3050
16D111101A	1111	1	2745x.0206	0.125	1.84	1139	4354

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

**2 AWG not listed 1/0 thru 3/0 CSA type RW90 EP 1KV, UL type RHH or RHW 2KV VW-1

**4/0 CSA type RW90 EP 1KV, UL type RHH OR RHW 2KV VW-2 IEEE 383

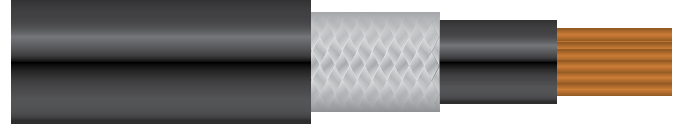
**262 MCM and larger (excluding 535 MCM) CSA type AWM I/II A/B 600V, IEEE 383

**535 MCM CSA as type RW90 EP 1KV, UL type RHH or RHW-2 2KV VW-1, IEEE 383

**1111 MCM not listed.

TYPE W ROUND SINGLE CONDUCTOR PORTABLE POWER CABLE

- Conductor** Annealed bare copper flexible rope-lay-stranded
- Insulation** Colour coded synthetic rubber
- Jacket** Extra hard usage black, oil and weather resistant CPE
- Temperature** -40°C to +90°C
- Voltage** 600/2000V
- Applications** Designed for portable power and lighting in industrial, mining and entertainment applications.
- **Approvals** UL, MSHA, RoHS Compliant
- Packaging** Long length Reels cut to length.
- Reinforcement** An open reinforcement is applied over the assembly for mechanical strength.



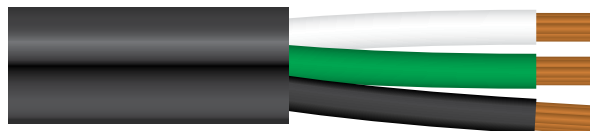
Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
16A0201	2	1	259	.070	.680	190	389
16A0101	1	1	259	.090	.765	220	485
16A01	1/0	1	259	.090	.810	260	565
16A001	2/0	1	259	.090	.885	300	681
16A0001	3/0	1	259	.090	.930	350	810
16A00001	4/0	1	259	.090	.980	405	975
16A2501	250	1	627	.105	1.045	455	1160
16A3501	350	1	855	.105	1.145	570	1490
16A5001	500	1	1235	.105	1.310	700	2045

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

**Contact your local branch for availability of CSA approved product.

TYPE W ROUND PORTABLE POWER CABLE

- Conductor** Annealed bare copper flexible rope-lay-stranded
- Insulation** Colour coded synthetic rubber
- Jacket** Extra hard usage black, oil and weather resistant CPE
- Temperature** -40°C to +90°C
- Voltage** 600/2000V
- Applications** Designed for use in mobile mining equipment, lifting conveyors, drills and pumps, as portable power and temporary power supply where grounded circuits are not required.
- **Approvals** UL, MSHA, CSA, RoHS Compliant
- Packaging** Length cut to order
- Colour Code** 2c - Black, White; 3c - Black, White, Green; 4c - Black, White, Red, Green; 5c - Black, White, Red, Green, Orange
- Reinforcement** An open reinforcement is applied over the assembly for mechanical strength.



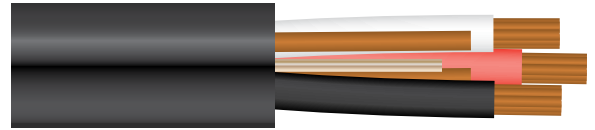
Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
16A0802	8	2	133	.060	0.77	74	334
16A0602	6	2	259	.060	0.91	99	483
16A0402	4	2	259	.060	1.02	130	665
16A0202	2	2	259	.080	1.21	174	981
16A0102	1	2	259	.080	1.44	202	1490
16A01	1/0	2	259	.080	1.435	234	1625
16A002	2/0	2	259	.080	1.65	271	1880
16A0002	3/0	2	259	.080	1.77	313	2420
16A00002	4/0	2	259	.080	1.92	361	2940
16A0803	8	3	133	.060	0.96	74	565
16A0603	6	3	259	.060	1.03	99	698
16A0403	4	3	259	.060	1.14	130	944
16A0203	2	3	259	.060	1.29	174	1306
16A0103	1	3	259	.060	1.46	202	1639
16A03	1/0	3	266	.080	1.59	234	1991
16A003	2/0	3	342	.080	1.69	271	2380
16A0003	3/0	3	418	.080	1.81	313	2808
16A00003	4/0	3	532	.080	1.96	361	3425
16A2503	250	3	627	.095	2.29	402	4258
16A3503	350	3	888	.095	2.57	495	5650
16A5003	500	3	1221	.095	2.90	613	7445
16A0804	8	4	133	.060	0.98	65	626
16A0604	6	4	259	.060	1.10	87	831
16A0404	4	4	259	.060	1.22	114	1134
16A0204	2	4	259	.060	1.44	152	1661
16A0104	1	4	259	.060	1.59	177	2035
16A04	1/0	4	266	.080	1.70	205	2423
16A004	2/0	4	342	.080	1.85	237	2993
16A0004	3/0	4	418	.080	1.96	274	3476
16A00004	4/0	4	532	.080	2.15	316	4340
16A0805	8	5	133	.060	1.03	52	698
16A0605	6	5	259	.060	1.20	70	978
16A0405	4	5	259	.060	1.37	91	1406
16A0205	2	5	259	.060	1.56	122	1967
16A05	1/0	5	266	.080	1.94	164	3045

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

**Contact your local branch for availability of CSA approved product.

TYPE G OR G-GC ROUND PORTABLE POWER CABLE

Conductor Bare annealed copper flexible rope-lay stranded
Insulation Colour coded synthetic rubber
Jacket Extra hard usage black, oil and weather resistant CPE
Temperature -40°C to +90°C
Voltage 2000V



Applications Designed for use in mobile mining equipment, lifting magnets, conveyors, drills and pumps, as portable power and temporary power supply where equipment grounding is required.

****Approvals** UL, MSHA, CSA, RoHS Compliant

Packaging Long length Reels cut to length.

Cabling 3c Type G or GGC - Three conductors (Black, White, Red) are assembled round with two green insulated grounding conductors, one Yellow insulated ground check and solid elastomer filler as required. 4c Type G - Four conductors (Black, White, Red, Orange) are assembled round with four green insulated grounding conductors and solid elastomers as required.

Reinforcement An open reinforcement is applied over the assembly for mechanical strength.

Product Code	Cond. Size	# of Cond.	Yellow Ground AWG Size	Green Ground AWG Size	Cond. Strand	Nom. Insul. Thickness (Inches)	Nom. O.D. (Inches)	AMPS*	Ship. Weight lbs/mft
16B0803	8	3	10	2#10	133	0.06	0.99	65	666
16B0603	6	3	10	2#10	133	0.06	1.05	87	787
16B0403	4	3	10	2#8	259	0.06	1.14	114	1048
16B0203	2	3	10	2#7	259	0.06	1.30	152	1448
16B0103	1	3	8	2#6	259	0.08	1.46	177	1807
16B03	1/0	3	8	2#5	266	0.08	1.60	205	2206
16B003	2/0	3	8	2#4	342	0.08	1.75	237	2736
16B0003	3/0	3	8	2#3	418	0.08	1.86	274	3178
16B00003	4/0	3	8	2#2	532	0.08	1.96	316	3718
16B2503	250	3	8	2#2	627	0.095	2.39	352	4917
16B3503	350	3	8	2#1/0	888	0.095	2.68	433	6449
16B5003	500	3	8	2#3/0	1221	0.095	3.03	536	8642
16B0804	8	4	-	2#12	133	0.06	0.98	52	679
16B0604	6	4	-	2#12	259	0.06	1.10	70	890
16B0404	4	4	-	2#10	259	0.06	1.22	91	1226
16B0204	2	4	-	2#9	259	0.06	1.44	122	1782
16B0104	1	4	-	2#8	259	0.08	1.59	142	2184
16B04	1/0	4	-	2#7	266	0.08	1.70	164	2611
16B004	2/0	4	-	2#6	342	0.08	1.85	190	3256
16B0004	3/0	4	-	2#5	418	0.08	1.96	219	3778
16B00004	4/0	4	-	2#4	532	0.08	2.15	253	4655

*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

**Contact your local branch for availability of CSA approved product.

TYPE SHD-GC SHOVEL & DRAGLINE CABLE

Conductor Bare annealed copper flexible rope-lay stranded

Insulation Colour coded synthetic rubber

Jacket Extra hard usage black, oil and weather resistant CPE

Temperature -40°C to +90°C

Voltage 2000/5000/8000/15000V

Applications Designed for use as heavy duty trailing cable on mining equipment where maximum safety is required. Also suitable for high voltage distribution in underground mines where portable power is required.

Packaging Long length Reels cut to length.

Cabling Three insulated conductors (Black, White, Red) are assembled round with two uninsulated grounding conductors, one insulated yellow ground check, solid elastomer filler as required, and an overall tape separator.

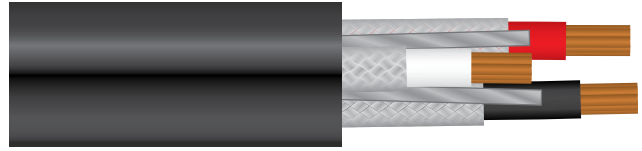
Ground Check Annealed tinned copper, rope-lay-stranded, tape separator, Yellow insulation.

Ground Wires Uninsulated, rope-lay-stranded tinned copper.

Insulation Shield Tinned copper braid (85% minimum coverage) over each conductor.

Tape Shield Semi-Conducting colour coded tape (5. 8. & 15KV only).

Reinforcement An open reinforcement is applied over the assembly for mechanical strength.



Prod. Code	Power Conductor		Grounding Conductor		Ground Check		INS	NIT* (Inch)	AMPS	Ship. Weight lbs/mft	
	Size	Strand	Size	Strand	Size	Strand					
600 - 2000 VOLTS											
16CA0603	6	133x.014	0.07	10	49x.0146	10	49x.0146	0.03	1.29	93	1100
16CA0603	6	133x.014	0.07	10	49x.0146	10	49x.0146	0.03	1.29	93	1100
16CA0403	4	133x.017	0.07	8	49x.0184	10	49x.0146	0.03	1.4	122	1390
16CA0203	2	133x.022	0.07	6	133x.0142	8	49x.0184	0.045	1.59	159	1870
16CA0103	1	133x.025	0.08	5	133x.0158	8	19x.0184	0.045	1.76	184	230
16CA03	1/0	259x.020	80	4	133x.0179	8	49x.0184	0.045	1.86	211	2750
16CA003	2/0	259x.022	80	3	133x.0199	8	49x.0184	0.045	2	243	3420
16CA0003	3/0	259x.025	80	2	133x.0223	8	49x.0184	0.045	2.13	279	3840
16CA00003	4/0	259x.028	80	1	133x.0251	8	49x.0184	0.045	2.31	321	4725
16CA2503	250	427x.024	0.095	1/0	259x.0202	8	49x.0184	0.045	2.51	355	5520
16CA3503	350	427x.028	0.095	2/0	259x.0227	8	49x.0184	0.045	2.81	435	7020
16CA5003	500	427x.034	0.095	2/0	259x.0227	8	49x.0184	0.045	3.19	535	10300
2001 - 5000 VOLTS											
16CB0603	6	133x.014	0.110	10	49x.0146	8	49x.0184	0.045	1.56	93	1500
16CB0403	4	133x.017	0.110	8	49x.0184	8	49x.0184	0.045	1.68	122	1880
16CB0203	2	133x.022	0.110	6	133x.0142	8	49x.0184	0.045	1.87	159	2405
16CB0103	1	133x.025	0.110	5	133x.0158	8	49x.0184	0.045	1.95	184	2805
16CB03	1/0	259x.020	0.110	4	133x.0179	8	49x.0184	0.045	2.08	211	3235
16CB003	2/0	259x.022	0.110	3	133x.0199	8	49x.0184	0.045	2.2	243	3700
16CB0003	3/0	259x.025	0.110	2	133x.0223	8	49x.0184	0.045	2.36	279	4525
16CB00003	4/0	259x.028	0.110	1	133x.0251	8	49x.0184	0.045	2.5	321	4725
16CB2503	250	427x.024	0.120	1/0	259x.0202	8	49x.0184	0.045	2.69	355	5945
16CB3503	350	427x.028	0.120	2/0	259x.0227	8	49x.0184	0.045	2.95	435	7650

* Ampacities (Amps per conductor) are based on 30C ambient temperature in air, 90C

* NIT: Nominal Insulation Thickness

CONTINUED ON NEXT PAGE

TYPE SHD-GC SHOVEL & DRAGLINE CABLE

CONTINUED FROM PREVIOUS PAGE

Prod. Code	Power Conductor		Grounding Conductor			Ground Check			NIT* (Inch)	AMPS	Ship. Weight lbs/mft
	Size	Strand	INS	Size	Strand	Size	Strand	INS			
5001 - 8000 VOLTS											
16CC0403	4	133x.017	0.15	8	49x.0184	8	49x.0146	0.045	1.94	122	2385
16CC0203	2	133x.022	0.15	6	133x.0142	8	49x.0184	0.045	2.12	159	2955
16CC0103	1	133x.025	0.15	5	133x.0158	8	49x.0184	0.045	2.21	184	3270
16CC03	1/0	259x.020	0.15	4	133x.0179	8	49X.084	0.045	2.32	211	3940
16CC003	2/0	259x.022	0.15	3	133x.0199	8	49x.0184	0.045	2.46	243	4360
16CC0003	3/0	259x.025	0.15	2	133x.0223	8	49x.0184	0.045	2.62	279	5005
16CC00003	4/0	259x.028	0.15	1	133x.0251	8	49x.0184	0.045	2.75	321	5640
16CC2503	250	427x.024	0.15	1/0	259x.0202	8	49x.0184	0.045	2.89	355	6470
16CC3503	350	427x.028	0.15	2/0	259x.0227	8	49x.0184	0.045	3.2	435	8280
8001 - 15000 VOLTS											
16CD0203	2	133x.022	0.21	6	133x.0142	8	49x.0184	0.045	2.41	159	3550
16CD0103	1	133x.025	0.21	5	133x.0158	8	49x.0184	0.045	2.52	184	3800
16CD03	1/0	259x.020	0.21	4	133x.0179	8	49X.084	0.045	2.64	211	4580
16CD003	2/0	259x.022	0.21	3	133x.0199	8	49x.0184	0.045	2.73	243	4960
16CD0003	3/0	259x.025	0.21	2	133x.0223	8	49x.0184	0.045	2.9	279	5740
16CD00003	4/0	259x.028	0.21	1	133x.0251	8	49x.0184	0.045	3.05	321	6490

* Ampacities (Amps per conductor) are based on 30C ambient temperature in air, 90C

* NIT: Nominal Insulation Thickness

LAPP OLFLEX 190 SMALL DIAMETER FLEXIBLE CONTROL CABLE



- Conductor** Finely stranded bare copper to VDE 0295
- Insulation** Specially blended PVC
- Jacket** Gray oil resistant PVC
- Features** Non-wicking fillers with talc.
- Temperature** -40°C to +90°C stationary, -5°C to +90°C flexible use
- Voltage** 600V

Applications Designed to permit easier handling and installation in confined operating areas. For use in all electrical equipment in dry, damp and wet conditions. Recommended applications include machine tools, assembly lines, control systems, data processing equipment, connections between control panels and machines, grinding machines, CNC machining centres and bottling equipment.

Flexibility Minimum bend radius for installation is 5X cable diameter.

Approvals CSA AWM II A/B FT1, CSA C22.2C210.2, UL AWM

Packaging 300m Spools, Long length Reels cut to length.

Colour Code Black with White numbers, plus Green/Yellow ground, 2 conductor does not include ground

Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. O.D. (Inches)	Ship. Weight lbs/mft
18602002	20	2	10/30	.253	39
18602003	20	3	10/30	.265	41
18602004	20	4	10/30	.285	51
18602005	20	5	10/30	.308	60
18602007	20	7	10/30	.331	81
18602009	20	9	10/30	.379	135
18602012	20	12	10/30	.421	168
18602018	20	18	10/30	.487	198
18602025	20	25	10/30	.586	243
18601802	18	2	19/30	.277	42
18601803	18	3	19/30	.291	44
18601804	18	4	19/30	.314	54
18601805	18	5	19/30	.340	64
18601807	18	7	19/30	.367	84
18601809	18	9	19/30	.423	118
18601812	18	12	19/30	.471	142
18601818	18	18	19/30	.579	207
18601825	18	25	19/30	.656	277
18601834	18	34	19/30	.953	494
18601841	18	41	19/30	1.043	558
18601850	18	50	19/30	1.110	697
18601602	16	2	28/30	.303	57
18601603	16	3	28/30	.319	61
18601604	16	4	28/30	.345	75
18601605	16	5	28/30	.375	91
18601607	16	7	28/30	.406	120
18601609	16	9	28/30	.470	174
18601612	16	12	28/30	.557	210
18601618	16	18	28/30	.644	298
18601625	16	25	28/30	.733	416
18601634	16	34	28/30	1.044	946
18601641	16	41	28/30	1.144	1230

*OLFLEX-190 CY available for applications requiring a braid shield

CONTINUED ON NEXT PAGE

LAPP OLFLEX 190 SMALL DIAMETER FLEXIBLE CONTROL CABLE

CONTINUED FROM PREVIOUS PAGE

Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. O.D. (Inches)	Ship. Weight lbs/mft
18601650	16	50	28/30	1.219	1500
18601661	16	61	28/30	1.294	1800
18601402	14	2	46/30	.337	87
18601403	14	3	46/30	.356	93
18601404	14	4	46/30	.386	122
18601405	14	5	46/30	.421	145
18601407	14	7	46/30	.457	192
18601409	14	9	46/30	.609	271
18601412	14	12	46/30	.628	402
18601418	14	18	46/30	.729	575
18601425	14	25	46/30	.872	860
18601203	12	3	56/28	.417	156
18601204	12	4	56/28	.454	198
18601205	12	5	56/28	.497	238
18601207	12	7	56/28	.573	363
18601003	10	3	82/28	.492	222
18601004	10	4	82/28	.570	267
18601005	10	5	82/28	.623	321
18600804	8	4	72/26	.695	435
18600805	8	5	72/26	.764	525
18600604	6	4	115/26	.870	698
18600605	6	5	115/26	.955	842
18600404	4	4	182/26	1.184	1007
18600405	4	5	182/26	1.306	1244
18600204	2	4	280/26	1.316	1422
18600205	2	5	280/26	1.454	1749

*OLFLEX-190 CY available for applications requiring a braid shield

LAPP OLFLEX-FD 890 CONTINUOUS FLEX CONTROL CABLE



- Conductor** Super fine stranded bare copper
- Insulation** Specially blended PVC
- Jacket** Black oil resistant PVC
- Features** Cabled with talc and non-wicking textile wrap over outer layer
- Temperature** -40°C to +90°C stationary. -5°C to +90°C flexible use.
- Voltage** 600V
- Applications** Designed for continuous flex applications on gantry cranes, automated handling machines, pick and place units, machine tools, conveyor systems and any other application where continuous flexing exists.
- Flexibility** Minimum bend radius for continuous flexing is 8X cable diameter.
- Approvals** CSA AWM II A/B FT1, CSA C22.2C210.2, UL style 2587
- Packaging** 300m Spools, Long length Reels cut to length
- Colour Code** Red with Black numbers, plus Green/Yellow. Also available in Blue.

Product Code	Cond. Size	# of Cond.	Cond. Strand	Nom. O.D. (Inches)	Ship. Weight lbs/mft
18892003	20	3	74/38	.264	43
18892004	20	4	74/38	.291	49
18892005	20	5	74/38	.323	54
18892007	20	7	74/38	.382	75
18892012	20	12	74/38	.457	124
18892018	20	18	74/38	.539	183
18892025	20	25	74/38	.677	266
18892034	20	34	74/38	.756	339
18891803	18	3	114/38	.287	46
18891804	18	4	114/38	.327	60
18891805	18	5	114/38	.354	74
18891807	18	7	114/38	.429	102
18891812	18	12	114/38	.500	159
18891815	18	15	114/38	.559	202
18891818	18	18	114/38	.614	234
18891825	18	25	114/38	.763	336
18891834	18	34	114/38	.826	434
18891603	16	3	190/38	.323	79
18891604	16	4	190/38	.358	99
18891605	16	5	190/38	.393	124
18891607	16	7	190/38	.480	138
18891612	16	12	190/38	.555	227
18891618	16	18	190/38	.685	323
18891625	16	25	190/38	.854	475
18891634	16	34	190/38	.925	623
18891650	16	50	190/38	1.094	880
18891660	16	60	190/38	1.190	1075
18891404	14	4	320/38	.456	148
18891407	14	7	320/38	.614	227
18891204	12	4	512/38	.531	208
18891207	12	7	512/38	.740	335
18891004	10	4	343/34	.626	275
18890804	8	4	301/32	.744	481
18890604	6	4	483/32	.909	709

*OLFLEX-190 CY available for applications requiring a braid shield

LAPP ÖLFLEX TRAY II CY

Description ÖLFLEX® TRAY II CY has Lapp's new double laminated foil tape and tinned copper braid shield for improved effectiveness. It has a pressure-extruded jacket and fine copper stranding for excellent flexibility, making it much easier to pull through tray. With UL TC-ER approval, no conduit is needed so you can reduce material costs along with saving on labor.

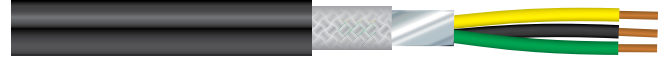
Applications Industrial plant expansions; automotive plants; tray wiring; anywhere VNTC® cables are used

Construction Finely stranded bare copper

Approvals NEC: Class 1 Division 2 per NEC Article 501
Canada: c(UL) CIC/TC FT4, CSA AWM I/II A/B FT4

Temperature Rating UL/CSA TC: -25°C to +90°C
For stationary use: -40°C to +105°C
For flexible use: -25°C to +105°C

Nominal Voltage UL/CSA TC: 600V
UL WTTC/CSA AWM: 1000V



Construction Finely stranded bare copper

Insulation Specially blended PVC/nylon

Jacket Specially formulated oil-resistant black PVC

Colour Code Black with white numbers, plus green/yellow ground

Product Code	Conductor Size AWG	# of Conductors	Nominal OD		Copper Weight		Approximate Weight	
			inches	mm	(lbs/mft)	(kgs/km)	(lbs/mft)	(kgs/km)
182218030	18	3	0.322	8.2	29	43.2	79	117.6
182218040	18	4	0.346	8.8	38	56.6	93	138.5
182218050	18	5	0.371	9.4	45	67.0	99	147.4
182218070	18	7	0.398	10.1	59	87.9	130	193.6
182218120	18	12	0.508	12.9	101	150.4	223	332.0
182215180	18	18	0.618	15.7	145	215.9	295	439.3
182218250	18	25	0.695	17.7	238	354.4	386	574.8
182216030	16	3	0.350	8.9	41	61.0	97	144.4
182216040	16	4	0.376	9.6	51	75.9	117	174.2
182216050	16	5	0.406	10.3	63	93.8	128	190.6
182216070	16	7	0.443	11.3	88	131.0	165	245.7
182216120	16	12	0.596	15.1	144	214.4	287	427.3
182216180	16	18	0.683	17.3	210	312.7	346	515.2
182216250	16	25	0.772	19.6	280	416.9	430	640.3
182214030	14	3	0.387	9.8	62	92.3	121	180.2
182214040	14	4	0.423	10.7	85	126.6	150	223.4
182214050	14	5	0.458	11.6	101	150.4	181	269.5
182214070	14	7	0.494	12.5	136	202.5	220	327.6
182214120	14	12	0.667	16.9	225	335.0	399	594.1
182214180	14	18	0.768	19.5	328	488.4	527	784.7
182214250	14	25	0.917	23.3	461	686.4	705	1049.7
182212040	12	4	0.491	12.5	126	187.6	212	315.7
182212050	12	5	0.568	14.4	157	233.8	260	387.1
182212070	12	7	0.612	15.5	209	311.2	335	498.8
182210040	10	4	0.609	15.5	183	272.5	370	550.9
182210050	10	5	0.662	16.8	224	333.5	412	613.5
182210070	10	7	0.717	18.2	308	458.6	575	856.2
182208040	8	4	0.737	18.7	295	439.3	575	856.2
182206040	6	4	0.918	23.3	470	699.8	811	1207.6
182204040	4	4	1.127	28.6	579	862.1	1331	1981.9
182202040	2	4	1.309	33.2	950	1414.6	1951	2905.0

LAPP ÖLFLEX TRAY II

- Description** ÖLFLEX® TRAY II is an industrial grade tray cable with superior oil performance for long cable life. It has a pressure-extruded jacket and fine copper stranding for excellent flexibility, making it much easier to pull through tray. With UL TC-ER approval, no conduit is needed so you can reduce material costs along with saving on labor.
- Applications** Industrial plant expansions; automotive plants; tray wiring; anywhere VNTC® cables are used
- Approvals** NEC: Class 1 Division 2 per NEC Article 501
Canada: c(UL) CIC/TC FT4, CSA AWM I/II A/B FT4
- Temperature Rating** UL/CSA TC: -25°C to +90°C
For stationary use: -40°C to +105°C
For flexible use: -25°C to +105°C
- Nominal Voltage** UL/CSA TC: 600V
UL WTTC/CSA AWM: 1000V
- Construction** Finely stranded bare copper
- Insulation** Specially blended PVC/nylon
- Jacket** Specially formulated oil-resistant black PVC
- Colour Code** Black with white numbers, plus green/yellow ground



Product Code	Conductor Size AWG	# of Conductors	Nominal OD		Copper Weight		Approximate Weight	
			inches	mm	(lbs/mft)	(kgs/km)	(lbs/mft)	(kgs/km)
18221803	18	3	0.297	7.5	20	29.8	57	25.9
18221804	18	4	0.32	8.1	26	38.7	66	98.3
18221805	18	5	0.346	8.8	33	49.1	77	114.7
18221807	18	7	0.373	9.5	46	68.5	99	147.4
18221809	18	9	0.429	10.9	59	87.9	112	166.8
18221812	18	12	0.477	12.1	79	117.6	172	256.1
18221818	18	18	0.587	14.9	118	175.7	245	364.8
18221825	18	25	0.664	16.9	164	244.2	322	479.5
18221850	18	50	0.939	23.9	303	451.2	646	961.9
18221603	16	3	0.325	8.3	29	43.2	68	101.3
18221604	16	4	0.351	8.9	39	58.1	84	125.1
18221605	16	5	0.381	9.7	49	73.0	99	147.4
18221607	16	7	0.412	10.5	68	101.3	128	190.6
18221608	16	8	0.444	11.3	78	116.1	137	204.0
18221609	16	9	0.476	12.1	88	131.0	172	256.1
18221612	16	12	0.565	14.4	117	174.2	220	327.6
18221616	16	16	0.621	15.8	155	230.8	271	403.5
18221618	16	18	0.652	16.6	175	260.6	289	430.3
18221625	16	25	0.741	18.8	242	360.3	397	591.1
18221634	16	34	0.904	23.0	296	440.7	540	804.1
18221641	16	41	0.986	25.0	357	531.6	626	932.1
18221650	16	50	1.048	26.6	436	649.2	760	1131.6
18221661	16	61	1.085	27.6	533	793.6	771	1148.0
18221403	14	3	0.362	9.2	49	73.0	88	131.0
18221404	14	4	0.392	10.0	65	96.8	106	157.8
18221405	14	5	0.427	10.8	81	120.6	128	190.6
18221407	14	7	0.463	11.8	113	168.3	170	253.1
18221409	14	9	0.571	14.5	146	217.4	225	335.0
18221412	14	12	0.636	16.2	194	288.9	309	460.1
18221418	14	18	0.737	18.7	290	431.8	439	653.7

Continued On Next Page

LAPP OLFLEX TRAY II

CONTINUED FROM PREVIOUS PAGE

Product Code	Conductor Size AWG	# of Conductors	Nominal OD		Copper Weight		Approximate Weight	
			inches	mm	(lbs/mft)	(kgs/km)	(lbs/mft)	(kgs/km)
18221425	14	25	0.886	22.5	404	601.6	586	872.6
18221203	12	3	0.423	10.7	78	116.1	126	187.6
18221204	12	4	0.46	11.7	104	154.9	152	226.3
18221205	12	5	0.503	12.8	129	192.1	187	278.4
18221207	12	7	0.581	14.8	181	269.5	258	384.2
18221003	10	3	0.498	12.6	117	174.2	218	324.6
18221004	10	4	0.578	14.7	155	230.8	264	393.1
18221005	10	5	0.631	16.0	194	288.9	317	472.0
18221007	10	7	0.686	17.4	271	403.5	445	662.6
18220804	8	4	0.703	17.9	258	384.2	384	571.8
18220805	8	5	0.772	19.6	323	480.9	518	771.3
18220603	6	3	0.776	19.7	310	461.6	454	676.0
18220604	6	4	0.899	22.8	413	615.0	580	863.6
18220605	6	5	0.982	24.9	517	769.8	725	1079.5
18220403	4	3	0.99	25.3	386	574.8	919	1368.4
18220404	4	4	1.094	27.8	544	810.0	952	1417.5
18220203	2	3	1.155	29.3	658	979.8	1085	1615.6
18220204	2	4	1.272	32.3	859	1279.1	1320	1965.5
18220104	1	4	1.400	35.6	1065	1585.8	1563	2327.3
18221104	1/0	4	1.466	37.2	1302	1938.7	1920	2858.9
18222204	2/0	4	1.674	42.5	1720	2561.1	2369	3527.4
18223304	3/0	4	1.695	43.1	2185	3253.5	3020	4496.8
18224404	4/0	4	2.059	52.3	2695	4012.9	3597	5355.9
18222504	250	4	2.167	55.0	3211	4781.2	4221	6285.1
18223504	350	4	2.501	63.5	4542	6763.0	6004	8940.0
18225004	500	4	2.902	73.7	6410	9544.5	8233	12258.9



Lapp Group produces innovative cables, connectors, accessories, and engineered solutions as a worldwide market leader. Lapp products are used throughout the world in automotive plants, machine tools, instrumentation, medical electronics, telecommunications, robotics, industrial automation, transportation, general industrial control systems, and many more applications.



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ROUND

PORTABLE & TRAILING CABLES

RhinoFlex™ Type W, G, and G-GC 2KV Round & Flat (-50°C Rated)

Description:

6 AWG 3/C G-GC RhinoFlex 2KV
 4 AWG 3/C G-GC RhinoFlex™ 2KV
 2 AWG 3/C G-GC RhinoFlex™ 2KV
 2/0 AWG 3/C G-GC RhinoFlex™ 2KV
 4/0 AWG 3/C G-GC RhinoFlex™ 2KV
 4 AWG 4/C TYPE W RhinoFlex™ 2KV
 2 AWG 4/C TYPE W RhinoFlex™ 2KV

Applications:

Heavy duty portable power cable for use in circuits not exceeding 2,000 volts. Designed for applications such as continuous miners, loaders, drills, conveyors, pumps, and other mobile equipment where grounding may be required.

Options:

Available in colors and other sizes.

FLAT

6 AWG 3/C RhinoFlex™ G-GC FLAT 2KV
 4 AWG 3/C RhinoFlex™ G-GC FLAT 2KV
 2 AWG 3/C RhinoFlex™ G-GC FLAT 2KV
 4 AWG 4/C RhinoFlex™ G-GC FLAT 2KV
 2 AWG 4/C RhinoFlex™ G-GC FLAT 2KV
 2/0 AWG 2/C RhinoFlex™ TYPE W FLAT 2KV



ROUND

PORTABLE & TRAILING CABLES

RhinoShield™ Type SHD - GC 2kv - 25KV (-50°C Rated)

Description:

4 AWG 3/C G-GC RhinoShield 2KV
 2 AWG 3/C G-GC RhinoShield™ 2KV
 2/0 AWG 3/C G-GC RhinoShield™ 2KV
 4/0 AWG 3/C G-GC RhinoShield™ 2KV
 350 AWG 3/C G-GC RhinoShield™ 2KV

Applications:

Heavy duty, shielded power cable designed for applications such as long-wall shearers, continuous miners, draglines, shovels, drills, pumps, and other mobile equipment where maximum protection is required. Type SHD-GC can be used where a ground check conductor is required for fail-safe ground monitoring.

Options:

Available in colors and other sizes. TPU Jacket also available.

2 AWG 3/C RhinoShield™ 5KV
 2/0 AWG 3/C RhinoShield™ 5KV
 4/0 AWG 3/C RhinoShield™ 5KV

2 AWG 3/C RhinoShield 8KV
 2/0 AWG 3/C RhinoShield™ 8KV
 4/0 AWG 3/C RhinoShield™ 8KV

2/0 AWG 3/C RhinoShield™ 15KV
 4/0 AWG 3/C RhinoShield™ 15KV



ROUND

DISTRIBUTION CABLES

RhinoPower™ Type MP-GC offered in EPR/CPE & XLP/PVC 5-25KV

Description:

2/0 AWG 3/C RhinoPower™ 8KV
 4/0 AWG 3/C RhinoPower™ 8KV
 2 AWG 3/C RhinoPower™ 15KV
 2/0 AWG 3/C RhinoPower™ 15KV
 4/0 AWG 3/C RhinoPower™ 15KV

Applications:

Suitable for use in stationary power distribution applications, or semi-portable power transmission in deep mines, strip mines, open pits and tunnels.

Options:

Available in colors and other sizes.

COLOUR CODES FOR INDUSTRIAL CABLE

ICEA Method 1-E1 (K-1)			
No.	Colour Code	No.	Colour Code
1	Black	19	Blue/Red
2	White	20	Red/Green
3	Red	21	Orange/Green
4	Green	22	Black/White/Red
5	Orange	23	White/Black/Red
6	Blue	24	Red/Black/White
7	White/Black	25	Green/Black/White
8	Red/Black	26	Orange/Black/White
9	Green/Black	27	Blue/Black/White
10	Orange/Black	28	Black/Red/Green
11	Blue/Black	29	White/Red/Green
12	Black/White	30	Red/Black/Green
13	Red/White	31	Green/Black/Orange
14	Green/White	32	Orange/Black/Green
15	Blue/White	33	Blue/White/Orange
16	Black/Red	34	Black/White/Orange
17	White/Red	35	White/Red/Orange
18	Orange/Red	36	Orange/White/Blue

ICEA Method 1-E2 (K-2)			
No.	Colour Code	No.	Colour Code
1	Black	19	Orange/Blue
2	Red	20	Yellow/Blue
3	Blue	21	Brown/Blue
4	Orange	22	Black/Orange
5	Yellow	23	Red/Orange
6	Brown	24	Blue/Orange
7	Red/Black	25	Yellow/Orange
8	Blue/Black	26	Brown/Orange
9	Orange/Black	27	Black/Yellow
10	Yellow/Black	28	Red/Yellow
11	Brown/Black	29	Blue/Yellow
12	Black/White	30	Orange/Yellow
13	Blue/Red	31	Brown/Yellow
14	Orange/Red	32	Black/Brown
15	Yellow/Red	33	Red/Brown
16	Brown/Red	34	Blue/Brown
17	Black/Blue	35	Orange/Brown
18	Red/Blue	36	Yellow/Brown

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