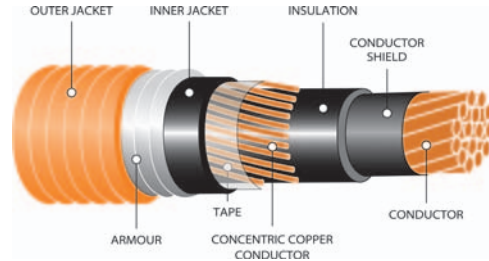


Unshielded Single Conductor 100%/133% 5kV

XLPE/PVC/AIA/PVC



SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 131
- IEEE 383 (70,000 BTU/hr) Flame Test
- ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test



CONSTRUCTION

- Conductor:** Bare copper Class B compact or compressed stranded
- Conductor Shield:** Extruded thermoset semi-conducting shield
- Insulation:** Cross-Linked Polyethylene (XLPE) Type RW90
- Ground (Bonding) Conductor:** Concentric serving of solid bare copper wires applied over the insulation
- Inner Jacket:** Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)
- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Low-temperature, moisture and sunlight resistant Polyvinyl Chloride (PVC), orange
- Options:** Other coloured outer jacket and constructions available upon request

Part Number	AWG Size		Thickness of		Approximate Diameter (Over)				Copper Content		Net Weight Aluminum Armour		Amp. (30°C Ambient)	Inductive Reactance OHM/KM	Recommended Connector*	
	Cond.	Bond (Ground) Wire	Insul. (in.)	Inner Jacket (in.)	Insul. (in.)	Inner Jacket (in.)	Armour (in.)	Outer Jacket (in.)	LB/ MFT	KG/ KM	LB/ MFT	KG/ KM			O-Z JMC	O-Z MCA
19003-01-060	6	8	0.090	0.030	0.400	0.551	0.731	0.849	142.2	211.5	371	551	100	0.27	2	3
19001-02-060	4	6	0.090	0.045	0.450	0.650	0.850	0.950	222.5	331.0	519	772	135	0.26	2	3
19001-04-060	2	6	0.090	0.045	0.500	0.710	0.910	1.010	300.5	447.0	623	926	180	0.25	3	3
19001-05-060	1	4	0.090	0.045	0.530	0.740	0.940	1.040	404.0	601.0	738	1098	210	0.24	3	4
19001-06-060	1/0	4	0.090	0.045	0.570	0.780	1.000	1.100	472.5	703.0	871	1295	245	0.24	3	4
19001-07-060	2/0	4	0.090	0.045	0.610	0.820	1.040	1.140	559.6	832.5	977	1453	285	0.23	3	4
19001-08-060	3/0	3	0.090	0.045	0.660	0.880	1.10	1.210	707.4	1052.5	1156	1719	330	0.23	3	4
19001-09-060	4/0	3	0.090	0.060	0.710	0.970	1.190	1.290	846.2	1259.0	1356	2017	385	0.22	4	5
19001-10-060	250	2	0.090	0.060	0.770	1.020	1.240	1.340	1010.2	1503.0	1551	2307	425	0.22	4	5
19001-11-060	300	2	0.090	0.060	0.820	1.070	1.290	1.390	1164.8	1733.0	1734	2579	480	0.21	5	5
19001-12-060	350	1	0.090	0.060	0.860	1.140	1.360	1.460	1387.2	2064.0	1986	2954	530	0.21	5	5
19001-13-060	400	1	0.090	0.060	0.910	1.190	1.410	1.510	1545.2	2299.0	2166	3222	575	0.21	5	6
19001-15-060	500	1/0	0.090	0.060	0.980	1.260	1.510	1.620	1926.6	2866.5	2670	3972	660	0.21	5	6
19001-16-060	600	1/0	0.090	0.060	1.150	1.440	1.690	1.790	2239.5	3332.0	3110	4627	740	0.20	6	7
19001-24-060	750	2/0	0.090	0.060	1.260	1.570	1.820	1.930	2818.1	4193.0	3759	5592	845	0.20	7	7
19001-25-060	1000	2/0	0.090	0.060	1.410	1.720	1.970	2.080	3604.8	5363.5	4628	6886	1000	0.19	8	8

NOTE: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* See page 31 for corresponding connector.

Unshielded Three Conductor 100%/133% 5kV

XLPE/PVC/AIA/PVC

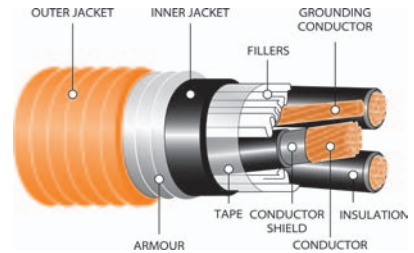
SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 131
- IEEE 383 (70,000 BTU/hr) Flame Test
- ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test



CONSTRUCTION

- Conductor:** Bare copper Class B compact or compressed stranded
- Conductor Shield:** Extruded thermoset semi-conducting shield
- Insulation:** Cross-Linked Polyethylene (XLPE) Type RW90
- Ground (Bonding) Conductor:** Uninsulated stranded bare copper conductor
- Inner Jacket:** Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)
- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Low-temperature, moisture and sunlight resistant Polyvinyl Chloride (PVC), orange
- Options:** Galvanized Steel Interlocked Armour (GSIA)
Other coloured outer jacket and constructions available upon request



Part Number	AWG Size		Thickness of		Approximate Diameter (Over)				Copper Content		Net Weight Aluminum Armour		Amp. (30°C Ambient)	Inductive Reactance OHM/KM	Recommended Connector*	
	Cond.	Bond (Ground) Wire	Insul. (in.)	Inner Jacket (in.)	Insul. (in.)	Inner Jacket (in.)	Armour (in.)	Outer Jacket (in.)	LB/ MFT	KG/ KM	LB/ MFT	KG/ KM			O-Z JMC	O-Z MCA
19003-01-060	8	10	0.090	0.060	0.370	0.930	1.150	1.250	188.9	281.0	740	1101	45	0.15	4	4
19003-02-060	6	8	0.090	0.080	0.400	1.040	1.260	1.360	300.5	447.0	939	1397	65	0.14	4	5
19003-03-060	4	8	0.090	0.080	0.450	1.140	1.360	1.460	444.6	661.5	1158	1723	85	0.13	5	5
19003-04-060	2	6	0.090	0.080	0.500	1.270	1.520	1.630	706.8	1051.5	1594	2372	120	0.12	5	6
19003-05-060	1	6	0.090	0.080	0.530	1.340	1.590	1.700	923.5	1374.0	1816	2702	140	0.12	6	6
19003-06-060	1/0	6	0.090	0.080	0.570	1.420	1.670	1.780	1081.8	1609.5	2085	3101	155	0.12	6	7
19003-07-060	2/0	6	0.090	0.080	0.610	1.510	1.760	1.870	1342.9	1998.0	2406	3580	185	0.11	7	7
19003-08-060	3/0	4	0.090	0.080	0.660	1.610	1.860	1.970	1719.9	2559.0	2857	4250	210	0.11	8	7
19003-09-060	4/0	4	0.090	0.080	0.710	1.730	1.980	2.090	2224.0	3309.0	3374	5020	235	0.11	8	8
19003-10-060	250	4	0.090	0.110	0.770	1.910	2.160	2.270	2483.4	3695.0	3973	5911	265	0.11	9	9
19003-11-060	300	4	0.090	0.110	0.820	2.020	2.270	2.380	2966.7	4414.0	4532	6743	295	0.10	10	9
19003-12-060	350	3	0.090	0.110	0.860	2.120	2.370	2.480	3476.1	5172.0	5124	7624	325	0.10	10	10
19003-13-060	400	3	0.090	0.110	0.910	2.210	2.460	2.590	3954.0	5883.0	5724	8516	345	0.10	10	10
19003-15-060	500	2	0.090	0.110	0.980	2.380	2.630	2.760	4864.7	7238.0	6861	10208	395	0.10	12	11
19003-16-060	600	2	0.090	0.110	1.150	2.750	3.000	3.130	5878.8	8747.0	8215	12223	455	0.10	12	12
19003-20-060	750	2	0.090	0.110	1.260	2.970	3.220	3.350	7225.0	10750.0	9837	14636	500	0.10	13	12
19003-25-060	1000	1	0.090	0.140	1.410	3.360	3.610	3.770	9717.2	14458.0	12919	19221	585	0.09	13	Call Us

NOTE: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* See page 31 for corresponding connector.