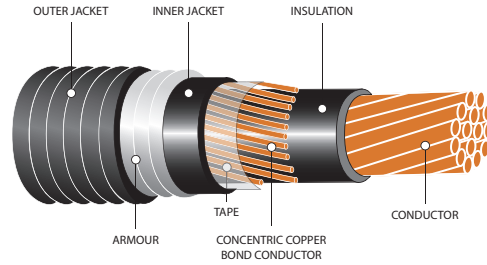


## Single Conductor 1000V

XLPE/PVC/AIA/PVC



### SPECIFICATIONS

- CSA FT1 & FT4
- CSA C22.2 No. 131 & 174
- IEEE 383 & 1202 (70,000 BTU/hr) Flame Test
- ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test

\*Refer to CE Code for details



### CONSTRUCTION

**Conductor:** Bare copper Class B compact or compressed stranded

**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 and moisture resistant Polyvinyl Chloride (PVC)

**Armour:** Aluminum Interlocked Armour (AIA)

**Outer Jacket:** Low-temperature, moisture and sunlight resistant Polyvinyl Chloride (PVC), black

**Options:** Other coloured outer jacket and constructions available upon request

Part Number	AWG Size		Insulation Thickness (in.)	Approximate Diameter (Over)				Copper Content		Net Weight w/ Armour	
	Cond.	Bond Wire		Insul. (in.)	Inner Jacket (in.)	Armour (in.)	Outer Jacket (in.)	LB/ MFT	KG/ KM	LB/ MFT	KG/ KM
05018-13-010	4	6	0.060	0.350	0.490	0.730	0.810	211	314	410	610
05018-17-010	3	6	0.060	0.380	0.520	0.760	0.840	244	363	450	680
05018-21-010	2	6	0.060	0.420	0.560	0.780	0.870	286	426	510	760
05018-25-010	1	4	0.080	0.490	0.660	0.880	0.960	390	581	680	1010
05019-01-010	1/0	4	0.080	0.530	0.690	0.910	1.000	458	682	760	1130
05019-05-010	2/0	4	0.080	0.580	0.710	0.950	1.040	544	810	860	1280
05019-09-010	3/0	3	0.080	0.630	0.810	1.030	1.120	685	1020	1080	1610
05019-13-010	4/0	3	0.080	0.690	0.860	1.080	1.170	820	1220	1270	1890
05020-01-010	250	2	0.090	0.750	0.990	1.210	1.290	980	1459	1490	2210
05020-05-010	300	2	0.090	0.770	1.040	1.280	1.370	1112	1655	1920	2857
05020-09-010	350	1	0.090	0.815	1.120	1.360	1.445	1340	1994	1910	1910
05020-13-010	400	1	0.090	0.850	1.155	1.395	1.480	1499	2231	2088	3107
05020-21-010	500	1/0	0.090	0.925	1.200	1.475	1.560	1841	2604	2510	3740
05020-25-010	600	1/0	0.090	1.005	1.305	1.545	1.655	2173	3234	2877	4281
05020-41-010	750	2/0	0.090	1.160	1.370	1.590	1.690	2570	3825	3510	5230
05021-01-010	1000	2/0	0.090	1.310	1.590	1.810	1.900	3340	4970	4430	6590

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

\* See pages 30 & 31 for corresponding connector.