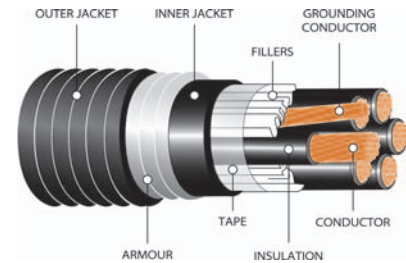


Multiconductor 14AWG 600V XLPE/PVC/AIA/PVC



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

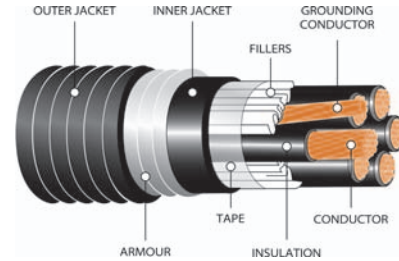
- Conductor:** Bare copper Class B compressed stranded
- Insulation:** Cross-Linked Polyethylene (XLPE) Type RW90
- Ground (Bonding) Conductor:** Uninsulated stranded bare copper conductor
- Inner Jacket:** Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)
- Armour:** Aluminum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

14 AWG																
Part Number	No. of Cond.	AWG Size		Thickness of		Approximate Diameter (Over)				Copper Content		Net Weight Aluminum Armour		Amp. (30°C Ambient)	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
05001-01-010	2	14	14	0.030	0.045	0.140	0.360	0.560	0.660	39.1	58.1	198	296	15	1	2
05001-02-010	3	14	14	0.030	0.045	0.140	0.390	0.580	0.660	51.8	77.1	222	331	15	1	2
05001-03-010	4	14	14	0.030	0.045	0.140	0.420	0.620	0.710	64.8	96.4	251	375	15	1	2
05001-04-010	5	14	14	0.030	0.045	0.140	0.470	0.660	0.740	77.2	114.9	284	424	12	2	3
05001-05-010	6	14	14	0.030	0.045	0.140	0.510	0.700	0.780	90.4	134.3	317	473	12	2	3
05001-06-010	7	14	14	0.030	0.045	0.140	0.510	0.700	0.780	103.5	154.0	331	494	11	2	3
05001-07-010	8	14	14	0.030	0.060	0.140	0.580	0.770	0.860	116.2	172.9	414	618	11	3	3
05001-09-010	10	14	14	0.030	0.060	0.140	0.670	0.930	0.950	142.3	211.7	510	761	11	3	3
05001-11-010	12	14	14	0.030	0.060	0.140	0.690	0.950	0.970	168.3	250.3	551	822	11	3	3
05001-14-010	15	14	14	0.030	0.060	0.140	0.770	1.030	1.110	207.2	308.3	636	949	11	3	4
05001-19-010	20	14	14	0.030	0.060	0.140	0.900	1.160	1.240	271.9	404.5	810	1209	11	4	4
05001-24-010	25	14	14	0.030	0.080	0.140	0.900	1.240	1.330	336.8	501.1	948	1415	9	4	5
05001-29-010	30	14	14	0.030	0.080	0.140	1.050	1.300	1.400	401.5	597.4	1047	1563	9	5	5
05001-31-010	40	14	14	0.030	0.080	0.140	1.200	1.420	1.510	531.1	790.2	1310	1955	9	5	6
05001-33-010	50	14	14	0.030	0.080	0.140	1.350	1.600	1.660	660.5	982.7	1620	2418	8	6	6

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.

Multiconductor 12AWG 600V 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 compressed stranded
- 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), black
- Options:** Galvanized Steel Interlocked Armour (GSIA)
Other coloured outer jacket and constructions available upon request

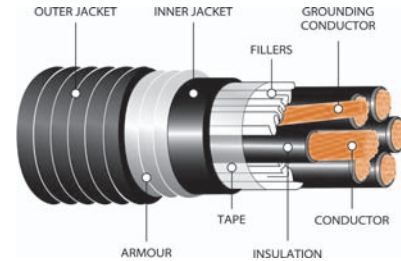
12 AWG

Part Number	No. of Cond.	AWG Size		Thickness of		Approximate Diameter (Over)				Copper Content		Net Weight Aluminum Armour		Amp. (30°C Ambient)	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
05002-01-010	2	12	14	0.030	0.045	0.160	0.410	0.600	0.690	54.0	80.4	225	336	20	1	2
05002-02-010	3	12	14	0.030	0.045	0.160	0.430	0.620	0.700	74.7	111.2	261	390	20	1	2
05002-03-010	4	12	14	0.030	0.045	0.160	0.470	0.660	0.730	96.6	143.7	301	449	20	2	2
05002-04-010	5	12	14	0.030	0.045	0.160	0.520	0.710	0.780	115.7	172.2	348	519	16	2	3
05002-05-010	6	12	14	0.030	0.060	0.160	0.590	0.780	0.860	136.4	202.9	435	649	16	2	3
05002-06-010	7	12	14	0.030	0.060	0.160	0.590	0.780	0.860	156.8	233.2	450	672	14	2	3
05002-07-010	8	12	14	0.030	0.060	0.160	0.640	0.830	0.920	177.4	263.9	506	75	14	3	3
05002-09-010	10	12	14	0.030	0.060	0.160	0.750	1.010	1.020	218.4	325.0	633	945	14	3	4
05002-11-010	12	12	14	0.030	0.060	0.160	0.770	1.030	1.120	260.2	387.1	696	1039	14	3	4
05002-14-010	15	12	14	0.030	0.060	0.160	0.900	1.160	1.240	321.6	478.5	823	1228	14	4	4
05002-19-010	20	12	14	0.030	0.080	0.160	0.990	1.250	1.340	424.8	632.0	1035	1545	14	4	5
05002-24-010	25	12	14	0.030	0.080	0.160	1.100	1.360	1.450	527.6	785.0	1230	1836	12	5	5
05002-29-010	30	12	14	0.030	0.080	0.160	1.200	1.460	1.510	630.9	938.6	1390	2075	12	5	6
05002-31-010	40	12	14	0.030	0.080	0.160	1.343	1.573	1.699	837.1	1245.4	1722	2562	12	6	6
05002-49-010	50	12	14	0.030	0.080	0.160	1.495	1.725	1.851	1043.0	1551.8	2051	3051	10	7	7

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.

Multiconductor 10AWG 600V 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 compressed stranded
- 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), black
- Options:** Galvanized Steel Interlocked Armour (GSIA)
Other coloured outer jacket and constructions available upon request

10 AWG																
Part Number	No. of Cond.	AWG Size		Thickness of		Approximate Diameter (Over)				Copper Content		Net Weight Aluminum Armour		Amp. (30°C Ambient)	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
05003-01-010	2	10	12	0.030	0.045	0.180	0.480	0.660	0.720	86.1	128.1	278	415	30	1	2
05003-02-010	3	10	12	0.030	0.045	0.180	0.500	0.700	0.750	118.6	176.4	327	488	30	2	3
05003-03-010	4	10	12	0.030	0.045	0.180	0.570	0.770	0.790	151.5	225.3	405	604	30	2	3
05003-04-010	5	10	12	0.030	0.060	0.180	0.630	0.830	0.930	184.1	273.9	487	727	24	2	3
05003-05-010	6	10	12	0.030	0.060	0.180	0.680	0.880	0.930	217.0	322.8	556	830	24	3	3
05003-07-010	8	10	12	0.030	0.060	0.180	0.740	0.940	1.000	282.0	419.5	739	1103	21	3	4
05003-09-010	10	10	12	0.030	0.060	0.180	0.840	1.100	1.240	347.9	517.5	964	1439	21	4	4
05003-11-010	12	10	12	0.030	0.080	0.180	0.930	1.190	1.260	413.5	615.2	1067	1593	21	4	5
05003-14-010	15	10	12	0.030	0.080	0.180	0.990	1.250	1.370	511.7	761.3	1297	1936	21	4	5
05003-19-010	20	10	12	0.030	0.080	0.180	1.130	1.390	1.470	675.5	1005.0	1546	2307	21	5	5
05003-24-010	25	10	12	0.030	0.080	0.180	1.260	1.520	1.600	838.8	1248.0	1802	2690	18	6	6
05003-29-010	30	10	12	0.030	0.080	0.180	1.340	1.600	1.660	1003.0	1492.3	2142	3197	18	6	6
05003-31-010	40	10	12	0.030	0.080	0.180	1.523	1.753	1.879	1330.4	1979.4	2369	3525	18	7	7
05003-33-010	50	10	12	0.030	0.080	0.180	1.724	1.967	2.095	1658.1	2467.0	2861	4257	15	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.