XLPE Insulated & PVC Sheathed Cables to ICEA S-66-524

(1) 0-600V Single Core, XLPE Insulated, PVC Sheathed, 100/133% Insulation Level Unarmoured to ICEA S-66-524

Conductor			Nominal Thickness of Insulation (mm)	Nominal Thickness of Sheath (mm)	Nominal Overall Diameter (mm)	AC Test Voltage (kv/5min)	Approx. Cable Weight (kg/km)
Size (AWG or MCM)	No. /Diameter of Wire (No. /mm)	Outside Dia. (mm)					
14	7/0.615	1.85	0.76	0.38	4.4	3.5	34
12	7/0.775	2.34	0.76	0.38	4.9	3.5	48
10	7/0.978	2.95	0.76	0.38	5.5	3.5	69
9	7/1/10	3.30	0.76	0.38	5.8	3.5	83
8	7/1.23	3.70	1.14	0.38	7.1	3.5	108
6	7/1.56	4.67	1.14	0.76	8.9	5.5	176
4	7/1.96	5.88	1.14	0.76	10.1	5.5	256
2	7/2.47	7.42	1.14	0.76	11.7	5.5	381
1	19/1.69	8.43	1.40	1.14	14.1	7.0	511
1/0	CC	8.53	1.40	1.14	14.2	7.0	611
2/0	CC	9.55	1.40	1.14	15.2	7.0	748
3/0	CC	10.74	1.40	1.14	16.4	7.0	920
4/0	CC	12.07	1.40	1.14	17.7	7.0	1136
250	CC	13.21	1.65	1.65	20.6	8.0	1398
300	CC	14.48	1.65	1.65	21.8	8.0	1643
350	CC	15.65	1.65	1.65	23.0	8.0	1886
400	CC	16.74	1.65	1.65	24.1	8.0	2137
500	CC	18.69	1.65	1.65	26.1	8.0	2625
600	CC	20.65	2.03	1.65	28.9	10.0	3179
750	CC	23.06	2.03	1.65	31.3	10.0	3914
1000	CC	26.92	2.03	1.65	35.3	10.0	5145

(2) 0-600V Three Core, XLPE Insulated, PVC Sheathed, 100/133% Insulation Level Unarmoured to ICEA S-66-524

Conductor			Nominal Thickness of Insulation (mm)	Nominal Thickness of Sheath (mm)	Nominal Overall Diameter (mm)	AC Test Voltage (kv/5min)	Approx. Cable Weight (kg/km)
Size (AWG or MCM)	No. /Diameter of Wire (No. /mm)	Outside Dia. (mm)					
14	7/0.615	1.85	0.76	1.14	10.2	3.5	143
12	7/0.775	2.34	0.76	1.14	11.3	3.5	188
10	7/0.978	2.95	0.76	1.14	12.6	3.5	264
9	7/1.10	3.30	0.76	1.52	14.2	3.5	339
8	7/1.23	3.70	1.14	1.52	17.0	5.5	444
6	7/1.56	4.67	1.14	1.52	19.1	5.5	612
4	7/1.96	5.88	1.14	2.03	22.8	5.5	936
2	7/2.47	7.42	1.14	2.03	26.1	5.5	1354
1	19/1.69	8.43	1.40	2.03	29.6	7.0	1704
1/0	CC	8.53	1.40	2.03	29.8	7.0	2006
2/0	CC	9.55	1.40	2.03	32.0	7.0	2449
3/0	CC	10.74	1.40	2.03	34.6	7.0	2995
4/0	CC	12.07	1.40	2.03	37.4	7.0	3688
250	CC	13.21	1.65	2.03	41.1	8.0	4362
300	CC	14.48	1.65	2.79	45.6	8.0	5314
350	CC	15.65	1.65	2.79	48.0	8.0	6089
400	CC	16.74	1.65	2.79	50.4	8.0	6887

* CC = circular compacted conductor