

## 600/1000 VOLTS MULTI-CORE CABLES

### Unarmoured - Armoured STA - Armoured SWA

#### XLPE INSULATION & PVC SHEATH

THREE CORE-CIRCULAR COPPER CONDUCTOR										
Nominal cross-sectional area	Thickness of XLPE insulation	Unarmoured			Armoured STA			Armoured SWA		
		Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx
mm <sup>2</sup>	mm	mm	mm	kg/km	mm	mm	kg/km	mm	mm	kg/km
3X10	0.7	1.8	15.2	420	1.8	18.0	530	1.8	19.7	873
3X16	0.7	1.8	17.4	606	1.8	20.2	732	1.8	21.9	1122
3X25	0.9	1.8	20.8	901	1.8	23.6	1050	1.8	26.0	1667
3X35	0.9	1.8	23.0	1196	1.8	25.7	1353	1.8	28.3	2050
3X50	1	1.8	26.2	1645	1.9	29.3	1850	2.0	31.9	2648
3X70	1.1	1.9	30.8	2268	2.0	34.1	2523	2.2	37.6	3718
3X95	1.1	2.1	34.7	3011	2.2	39.5	3438	2.3	41.7	4654
3X120	1.2	2.2	38.4	3765	2.3	43.3	4250	2.4	46.6	6001
3X150	1.4	2.3	41.9	4668	2.5	46.9	5210	2.6	50.2	7109
3X185	1.6	2.5	47.2	5759	2.6	52.4	6392	2.7	55.7	8519
3X240	1.7	2.7	53.5	7408	2.8	58.9	8156	3.0	62.2	10553
3X300	1.8	2.9	59.2	9194	3.0	64.9	10054	3.2	68.3	12703
3X400	2	3.1	65.9	12114	3.3	71.5	13104	3.4	76.6	16949

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<b>FOUR CORE-CIRCULAR COPPER CONDUCTOR</b>										
Nominal cross-sectional area	Thickness of XLPE insulation	Unarmoured			Armoured STA			Armoured SWA		
		Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx
mm <sup>2</sup>	mm	mm	mm	kg/km	mm	mm	kg/km	mm	mm	kg/km
<b>4X10</b>	0.7	1.8	16.5	529	1.8	19.3	649	1.8	21.0	1020
<b>4X16</b>	0.7	1.8	19.0	774	1.8	21.8	910	1.7	23.2	1321
<b>4X25</b>	0.9	1.8	22.8	1159	1.8	25.5	1313	1.8	28.1	2005
<b>4X35</b>	0.9	1.8	25.2	1548	1.8	28.2	1736	1.9	30.8	2502
<b>4X50</b>	1	1.9	29.0	2152	2.0	32.2	2387	2.1	35.7	3518
<b>4X70</b>	1.1	2.0	34.2	2974	2.2	37.6	3267	2.3	41.1	4585
<b>4X95</b>	1.1	2.2	38.6	3956	2.3	43.4	4443	2.5	46.7	6203
<b>4X120</b>	1.2	2.3	42.7	4954	2.5	47.7	5509	2.6	51.0	7443
<b>4X150</b>	1.4	2.4	46.6	6149	2.6	51.7	6771	2.7	55.0	8871
<b>4X185</b>	1.6	2.6	52.5	7591	2.8	57.9	8321	2.9	61.2	10675
<b>4X240</b>	1.7	2.9	59.5	9775	3.1	65.2	10640	3.2	68.5	13297
<b>4X300</b>	1.8	3.1	65.9	12141	3.3	71.9	13139	3.4	76.6	16978
<b>4X400</b>	2	3.3	73.4	16015	3.5	79.3	17169	3.7	84.4	21433

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**Unarmoured - Armoured STA - Armoured SWA**

**XLPE INSULATION &PVC SHEATH**

<b>THREE CORE-CIRCULAR ALUMINUM CONDUCTOR</b>										
Nominal cross-sectional area	Thickness of PVC insulation	Unarmoured			Armoured STA			Armoured SWA		
		Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx
mm <sup>2</sup>	mm	mm	mm	kg/km	mm	mm	kg/km	mm	mm	kg/km
<b>3X10</b>	0.7	1.8	15.2	234	1.8	18.0	344	1.8	19.7	687
<b>3X16</b>	0.7	1.8	17.4	309	1.8	20.2	434	1.8	21.9	824
<b>3X25</b>	0.9	1.8	20.8	436	1.8	23.6	585	1.8	26.0	1202
<b>3X35</b>	0.9	1.8	23.0	545	1.8	25.7	702	1.8	28.3	1399
<b>3X50</b>	1	1.8	26.2	715	1.9	29.3	920	2.0	31.9	1718
<b>3X70</b>	1.1	1.9	30.8	966	2.0	34.1	1221	2.2	37.6	2416
<b>3X95</b>	1.1	2.1	34.7	1244	2.2	39.5	1566	2.3	41.7	2887
<b>3X120</b>	1.2	2.2	38.4	1533	2.3	43.3	2018	2.4	46.6	3769
<b>3X150</b>	1.4	2.3	41.9	1878	2.5	46.9	2420	2.6	50.2	4319
<b>3X185</b>	1.6	2.5	47.2	2318	2.6	52.4	2951	2.7	55.7	5078
<b>3X240</b>	1.7	2.7	53.5	2944	2.8	58.9	3692	3.0	62.2	6089
<b>3X300</b>	1.8	2.9	59.2	3614	3.0	64.9	4474	3.2	68.3	7123
<b>3X400</b>	2	3.1	65.9	4674	3.3	71.5	5664	3.4	76.6	9509

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Nominal cross-sectional area	Thickness of PVC insulation	Unarmoured			Armoured STA			Armoured SWA		
		Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx	Thickness of SHEATH	overall diameter $\Phi$ approx	Net weight approx
mm <sup>2</sup>	mm	mm	mm	kg/km	mm	mm	kg/km	mm	mm	kg/km
<b>4X10</b>	0.7	1.8	16.5	281	1.8	19.3	401	1.8	21.0	772
<b>4X16</b>	0.7	1.8	19.0	377	1.8	21.8	513	1.7	23.2	924
<b>4X25</b>	0.9	1.8	22.8	539	1.8	25.5	693	1.8	28.1	1385
<b>4X35</b>	0.9	1.8	25.2	680	1.8	28.2	868	1.9	30.8	1634
<b>4X50</b>	1	1.9	29.0	912	2.0	32.2	1147	2.1	35.7	2278
<b>4X70</b>	1.1	2.0	34.2	1238	2.2	37.6	1531	2.3	41.1	2849
<b>4X95</b>	1.1	2.2	38.6	1600	2.3	43.4	1970	2.5	46.7	3847
<b>4X120</b>	1.2	2.3	42.7	1978	2.5	47.7	2533	2.6	51.0	4467
<b>4X150</b>	1.4	2.4	46.6	2429	2.6	51.7	3051	2.7	55.0	5151
<b>4X185</b>	1.6	2.6	52.5	3003	2.8	57.9	3733	2.9	61.2	6087
<b>4X240</b>	1.7	2.9	59.5	3823	3.1	65.2	4688	3.2	68.5	7345
<b>4X300</b>	1.8	3.1	65.9	4701	3.3	71.9	5699	3.4	76.6	9538
<b>4X400</b>	2	3.3	73.4	6095	3.5	79.3	7249	3.7	84.4	11513