

**600/1000 VOLTS MULTI-CORE CABLES**  
**Unarmoured - Armoured STA - Armoured SWA**  
**PVC INSULATION &PVC SHEATH**

<b>THREE CORE-CIRCULAR COPPER 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>	1	1.8	16.5	472	1.8	19.3	591	1.8	21.0	962
<b>3X16</b>	1	1.8	18.7	667	1.8	21.5	801	1.8	23.9	1359
<b>3X25</b>	1.2	1.8	22.1	980	1.8	24.9	1138	1.8	27.4	1798
<b>3X35</b>	1.2	1.8	24.3	1285	1.8	27.1	1459	1.9	29.7	2190
<b>3X50</b>	1.4	1.8	28.0	1779	1.9	31.2	2003	2.1	34.6	3091
<b>3X70</b>	1.4	2.0	32.2	2406	2.1	35.5	2677	2.2	39.0	3916
<b>3X95</b>	1.6	2.1	37.1	3225	2.3	41.9	3688	2.4	44.0	4968
<b>3X120</b>	1.6	2.2	40.3	3977	2.4	45.2	4493	2.5	48.4	6312
<b>3X150</b>	1.8	2.4	43.8	4915	2.5	48.8	5489	2.6	52.0	7455
<b>3X185</b>	2	2.5	49.1	6056	2.7	54.4	6723	2.8	57.6	8916
<b>3X240</b>	2.2	2.7	55.8	7800	2.9	61.3	8592	3.0	64.5	11071
<b>3X300</b>	2.4	3.0	62.0	9689	3.1	67.8	10605	3.2	71.0	13350
<b>3X400</b>	2.6	3.2	68.7	12690	3.4	74.4	13741	3.5	79.4	17714

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		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
<b>4X10</b>	1	1.8	18.0	596	1.8	20.8	726	1.8	22.5	1129
<b>4X16</b>	1	1.8	20.4	851	1.8	23.2	997	1.8	25.5	1600
<b>4X25</b>	1.2	1.8	24.3	1262	1.8	27.1	1436	1.9	29.7	2166
<b>4X35</b>	1.2	1.8	26.7	1663	1.9	29.8	1873	2.0	33.2	2911
<b>4X50</b>	1.4	1.9	31.1	2327	2.0	34.3	2584	2.2	37.8	3782
<b>4X70</b>	1.4	2.1	35.7	3156	2.2	39.2	3467	2.3	42.6	4834
<b>4X95</b>	1.6	2.3	41.1	4236	2.4	46.1	4766	2.5	49.3	6621
<b>4X120</b>	1.6	2.4	44.8	5233	2.6	49.9	5823	2.7	53.1	7832
<b>4X150</b>	1.8	2.5	48.6	6475	2.7	53.9	7134	2.8	57.1	9308
<b>4X185</b>	2	2.7	54.6	7983	2.9	60.1	8752	3.0	63.3	11180
<b>4X240</b>	2.2	3.0	62.1	10291	3.1	67.9	11208	3.2	71.1	13955
<b>4X300</b>	2.4	3.2	69.0	12792	3.4	75.1	13858	3.5	79.7	17840
<b>4X400</b>	2.6	3.4	76.5	16775	3.6	82.5	18001	3.8	87.5	22406

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<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>	1	1.8	16.5	286	1.8	19.3	405	1.8	21.0	776
<b>3X16</b>	1	1.8	18.7	369	1.8	21.5	503	1.8	23.9	1062
<b>3X25</b>	1.2	1.8	22.1	515	1.8	24.9	673	1.8	27.4	1333
<b>3X35</b>	1.2	1.8	24.3	634	1.8	27.1	808	1.9	29.7	1539
<b>3X50</b>	1.4	1.8	28.0	849	1.9	31.2	1073	2.1	34.6	2161
<b>3X70</b>	1.4	2.0	32.2	1104	2.1	35.5	1375	2.2	39.0	2614
<b>3X95</b>	1.6	2.1	37.1	1458	2.3	41.9	1921	2.4	44.0	3201
<b>3X120</b>	1.6	2.2	40.3	1745	2.4	45.2	2261	2.5	48.4	4080
<b>3X150</b>	1.8	2.4	43.8	2125	2.5	48.8	2699	2.6	52.0	4665
<b>3X185</b>	2	2.5	49.1	2615	2.7	54.4	3282	2.8	57.6	5475
<b>3X240</b>	2.2	2.7	55.8	3336	2.9	61.3	4128	3.0	64.5	6607
<b>3X300</b>	2.4	3.0	62.0	4109	3.1	67.8	5025	3.2	71.0	7770
<b>3X400</b>	2.6	3.2	68.7	5250	3.4	74.4	6301	3.5	79.4	10274

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		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
<b>4X10</b>	1	1.8	18.0	348	1.8	20.8	478	1.8	22.5	881
<b>4X16</b>	1	1.8	20.4	454	1.8	23.2	600	1.8	25.5	1203
<b>4X25</b>	1.2	1.8	24.3	642	1.8	27.1	816	1.9	29.7	1546
<b>4X35</b>	1.2	1.8	26.7	795	1.9	29.8	1005	2.0	33.2	2043
<b>4X50</b>	1.4	1.9	31.1	1087	2.0	34.3	1344	2.2	37.8	2542
<b>4X70</b>	1.4	2.1	35.7	1420	2.2	39.2	1731	2.3	42.6	3098
<b>4X95</b>	1.6	2.3	41.1	1880	2.4	46.1	2410	2.5	49.3	4265
<b>4X120</b>	1.6	2.4	44.8	2257	2.6	49.9	2847	2.7	53.1	4856
<b>4X150</b>	1.8	2.5	48.6	2755	2.7	53.9	3414	2.8	57.1	5588
<b>4X185</b>	2	2.7	54.6	3395	2.9	60.1	4164	3.0	63.3	6592
<b>4X240</b>	2.2	3.0	62.1	4339	3.1	67.9	5256	3.2	71.1	8003
<b>4X300</b>	2.4	3.2	69.0	5352	3.4	75.1	6418	3.5	79.7	10400
<b>4X400</b>	2.6	3.4	76.5	6855	3.6	82.5	8081	3.8	87.5	12486