Uo/U(Um)=8.7/15(17.5)KV-THREE-CORE CABLE- ARMOURED (STA)

COPPER CONDUCTORS/ 4.5 mm XLPE INSULATION THICKNESS / PVC SHEATHED-90°C

Nominal cross-sectional area	Overall diameter Φ approx	Net weight approx	Max resistance		Current carrying capacity		short circuit current of conductor for 1 sec.	Capacitance	Inductance	Voltage drop at 50 HZ cos.φ 0.8
			DC at 20°C	AC at 90°C	Ground at 35°C Direct laid	Air at 40°C free			trefoil	trefoil
mm²	mm	kg/km	Ω/KM	Ω/KM	Amp	Amp	ka/km	µf/km	mh/km	V/A/km
3X25	50.5	3477	0.727	0.927	130	135	3.58	0.164	0.368	1.124
3X35	52.8	3892	0.524	0.668	160	170	5.01	0.178	0.354	0.848
3X50	56.3	4506	0.387	0.494	190	200	7.15	0.198	0.339	0.661
3X70	60.4	5448	0.268	0.342	235	245	10.01	0.224	0.322	0.495
3X95	64.3	6409	0.193	0.247	280	290	13.59	0.249	0.309	0.391
3X120	67.6	7350	0.153	0.196	310	350	17.16	0.269	0.300	0.334
3X150	70.1	8546	0.124	0.159	345	390	21.45	0.285	0.294	0.293
3X185	74.9	9884	0.0991	0.1275	390	430	26.46	0.312	0.285	0.257
3X240	82.0	12710	0.0754	0.0975	440	510	34.32	0.348	0.276	0.221
3X300	87.3	14816	0.0601	0.0800	495	570	42.90	0.381	0.268	0.200
3X400	93.6	18126	0.0470	0.0630	540	640	57.20	0.420	0.261	0.179

Uo/U(Um)=8.7/15(17.5)KV-THREE-CORE CABLE- ARMOURED (STA)

ALUMINUIM CONDUCTORS/ 4.5 mm XLPE INSULATION THICKNESS / PVC SHEATHED-90°C

Nominal cross-sectional area	Overall diameter Φ approx	Net weight approx	Max resistance		Current carrying capacity		short circuit current of conductor for 1 sec.	Capacitance	Inductance	Voltage drop at 50 HZ cos.φ 0.8
			DC at 20°C	AC at 90°C	Ground at 35°C Direct laid	Air at 40°C free			trefoil	trefoil
mm²	mm	kg/km	Ω/KM	Ω/KM	Amp	Amp	ka/km	µf/km	mh/km	V/A/km
3X25	50.5	3016	1.200	1.539	105	110	2.30	0.164	0.368	1.760
3X35	52.8	3246	0.868	1.113	125	130	3.22	0.178	0.354	1.311
3X50	56.3	3639	0.641	0.822	140	155	4.60	0.198	0.339	1.002
3X70	60.4	4121	0.443	0.569	180	195	6.44	0.224	0.322	0.731
3X95	64.3	4670	0.320	0.411	210	235	8.74	0.249	0.309	0.562
3X120	67.6	5159	0.253	0.325	240	265	11.04	0.269	0.300	0.468
3X150	70.1	5804	0.206	0.265	260	290	13.80	0.285	0.294	0.403
3X185	74.9	6551	0.1640	0.2110	300	345	17.02	0.312	0.285	0.343
3X240	82.0	8246	0.1250	0.1620	350	410	22.08	0.348	0.276	0.288
3X300	87.3	9274	0.1000	0.1300	390	460	27.60	0.381	0.268	0.252
3X400	93.6	10933	0.0778	0.1000	430	515	36.80	0.420	0.261	0.218