



• Application

The BS 6622 19/33(36)kV Armoured Cable with XLPE insulation is designed for energy networks where mechanical stresses are expected. It is particularly suitable for underground installations or in ducts, offering reliable power transmission while withstanding environmental challenges.

• Performance

Electrical Performance: U_0/U : 19/33(36)kV

Mechanical Performance:

Minimum Bending Radius:

Single Core: 15x overall diameter

Multi Core: 12 x overall diameter

Single Core (adjacent to joint or termination): 12 x overall diameter

Three Core (adjacent to joint or termination): 10 x overall diameter

Terminal Performance:

Maximum Service Temperature: 90°C

Maximum Short-Circuit Temperature: 250°C (Max. 5s)

Minimum Service Temperature: -10°C

Fire Performance:

Flame Retardant according to IEC/EN 60332-1-2 Standard

• Construction

Conductor: Class 2 Copper or Aluminium Conductors to BS EN60228

Conductor Screen: Semi-conductive XLPE (Cross-Linked Polyethylene)

Insulation: XLPE (Cross-Linked Polyethylene)

Insulation Screen: Semi-conductive XLPE (Cross-Linked Polyethylene)

Metallic Screen: Concentric copper wires or copper tape

Separator: Binding tape

Inner Sheath: PVC (Polyvinyl Chloride)

Armour:

Single Core: AWA (Aluminium Wire)

Multi-core: SWA (Galvanised Steel Wire)

Sheath: PVC (Polyvinyl Chloride)

Sheath Colour:

1 Core: Black

3 Core: Brown, Black & Grey

• Specification

-BS 6622, IEC/EN 60228, IEC 60502-2 Standard

-BS EN / IEC 60332-1 Flame Propagation

• Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.

CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

• Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



• National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China.

We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

Single Core – Class 2 Copper Conductor, XLPE Insulated, Copper Wire Screen, PVC (PE) Sheathed.								
No. of Cores × Nominal Cross Section Area of Conductor	Insulation Thickness (Min)	Outer Sheath Thickness	Overall Dia. (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance
mm ²	mm	mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km
1 × 50	8	2	35	1620	700	0.387	0.494	0.487
1 × 70	8	2	37	1880	740	0.268	0.342	0.455
1 × 95	8	2.1	39	2200	780	0.193	0.247	0.431
1 × 120	8	2.1	41	2490	820	0.153	0.196	0.411
1 × 150	8	2.2	42	2800	840	0.124	0.159	0.402
1 × 185	8	2.2	44	3180	880	0.0991	0.127	0.388
1 × 240	8	2.3	46	3810	920	0.0754	0.0976	0.372
1 × 300	8	2.4	49	4460	980	0.0601	0.0785	0.359
1 × 400	8	2.5	52	5360	1040	0.047	0.0625	0.343
1 × 500	8	2.6	56	6480	1120	0.0366	0.0501	0.331
1 × 630	8	2.7	59	7930	1180	0.0283	0.0405	0.32
1 × 800	8	2.8	64	9740	1280	0.0221	0.0336	0.311
1 × 1000	8	3	68	11820	1360	0.0176	0.0288	0.303

No. of Cores × Nominal Cross Section Area of Conductor	Reactance @ 50Hz*	Impedance @ 90°C & 50Hz	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)*	Continuous Current Carrying Capacity (Ducts)*	Continuous Current Carrying Capacity (Air)*	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating (Max) 80°C - 200°C for 1.0 sec
mm ²	Ω/km	Ω/km	μF/km	A/km	A	A	A	kA	kA
1 × 50	0.153	0.52	0.14	0.84	221	225	260	7.2	4.5
1 × 70	0.1429	0.37	0.16	0.96	270	270	320	10	4.5
1 × 95	0.1354	0.28	0.17	1.01	321	320	390	13.6	4.5
1 × 120	0.1291	0.23	0.19	1.13	365	360	445	17.2	4.5
1 × 150	0.1263	0.2	0.2	1.19	410	405	510	21.5	4.5
1 × 185	0.1219	0.18	0.21	1.25	460	445	580	26.5	4.5
1 × 240	0.1169	0.15	0.24	1.43	530	520	680	34.3	4.5
1 × 300	0.1128	0.14	0.26	1.55	600	570	770	42.9	4.5
1 × 400	0.1078	0.12	0.28	1.67	690	630	890	57.2	4.5
1 × 500	0.104	0.12	0.31	1.85	760	702	1020	71.5	4.5
1 × 630	0.1005	0.11	0.34	2.03	850	783	1160	90.1	4.5
1 × 800	0.0977	0.1	0.38	2.27	944	860	1332	>100	4.5
1 × 1000	0.0952	0.1	0.41	2.45	1023	941	1460	>100	4.5

● Technical Parameters

Single Core – Class 2 Copper Conductor, XLPE Insulated, Copper Taped Screen, PVC (PE) Bedding, Aluminium Wire Armour, PVC (PE) Sheathed.								
Outer Sheath Thickness	Overall Dia. (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance	Reactance @ 50Hz*	Impedance @ 90°C & 50Hz
mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km	Ω/km	Ω/km
2.2	40	1970	600	0.387	0.494	0.516	0.1621	0.52
2.2	42	2260	630	0.268	0.342	0.483	0.1517	0.37
2.3	44	2610	660	0.193	0.247	0.458	0.1439	0.29
2.3	46	2940	690	0.153	0.196	0.438	0.1376	0.24
2.4	48	3440	720	0.124	0.159	0.431	0.1354	0.21
2.5	50	3880	750	0.0991	0.127	0.417	0.131	0.18
2.5	52	4540	780	0.0754	0.0977	0.397	0.1247	0.16
2.6	55	5260	825	0.0601	0.0784	0.386	0.1213	0.14
2.7	58	6250	870	0.047	0.0623	0.367	0.1153	0.13
2.8	62	7480	930	0.0366	0.0497	0.355	0.1115	0.12
2.9	66	9030	990	0.0283	0.0401	0.343	0.1078	0.11
3.1	70	10980	1050	0.0221	0.0331	0.332	0.1043	0.11
3.2	75	13170	1125	0.0176	0.0283	0.324	0.1018	0.11

Outer Sheath Thickness	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)*	Continuous Current Carrying Capacity (Ducts)*	Continuous Current Carrying Capacity (Air)*	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating of Copper Tape (Max) 80°C - 200°C for 1.0 sec	Earth Fault Short Circuit Rating of Armour (Max) 80°C - 200°C for 1.0 sec
mm	μF/Km	A/Km	A	A	A	kA	kA	kA
2.2	0.14	0.84	221	212	260	7.2	1	7.2
2.2	0.16	0.96	270	260	320	10	1.1	10
2.3	0.17	1.01	320	300	385	13.6	1.2	12.8
2.3	0.19	1.13	362	340	441	17.2	1.2	13.6
2.4	0.2	1.19	410	370	497	21.5	1.3	17.9
2.5	0.21	1.25	450	400	565	26.5	1.3	18.4
2.5	0.24	1.43	512	450	656	34.3	1.4	19.6
2.6	0.26	1.55	570	490	741	42.9	1.5	20.4
2.7	0.28	1.67	640	530	842	57.2	1.6	22.1
2.8	0.31	1.85	700	573	946	71.5	1.7	23.8
2.9	0.34	2.03	762	620	1056	90.1	1.9	25.5
3.1	0.38	2.27	813	670	1171	>100	2	27.1
3.2	0.41	2.45	868	700	1267	>100	2.2	29.2

● Technical Parameters

Three Core – Class 2 Copper Conductor, XLPE Insulated, Copper Taped Screen, PVC (PE) Bedding, Galvanised Steel Wire Armour, PVC (PE) Sheathed.										
No. of Cores × Nominal Cross Section Area of Conductor	Insulation Thickness (Min)	Inner Sheath Thickness	Galvanised Steel Wire Armour Diameter	Outer Sheath Thickness	Overall Diameter (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance
mm ²	mm	mm	mm	mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km
3 x 50	8	1.8	3.15	3.4	79	9290	948	0.387	0.494	0.454
3 x 70	8	1.8	3.15	3.5	84	10390	1008	0.268	0.342	0.424
3 x 95	8	1.9	3.15	3.6	87	11610	1044	0.193	0.247	0.398
3 x 120	8	2	3.15	3.7	91	12890	1092	0.153	0.196	0.38
3 x 150	8	2	3.15	3.8	94	13980	1128	0.124	0.159	0.37
3 x 185	8	2.1	3.15	3.9	98	15640	1176	0.0991	0.128	0.358
3 x 240	8	2.2	3.15	4.1	104	18040	1248	0.0754	0.101	0.343
3 x 300	8	2.3	3.15	4.3	109	20480	1308	0.0601	0.0822	0.33
3 x 400	8	2.4	3.15	4.5	117	24020	1404	0.047	0.0668	0.316

No. of Cores × Nominal Cross Section Area of Conductor	Reactance @ 50Hz*	Impedance @ 90°C & 50Hz	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)	Continuous Current Carrying Capacity (Ducts)	Continuous Current Carrying Capacity (Air)	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating of Copper Tape (Max) 80°C - 200°C for 1.0 sec	Earth Fault Short Circuit Rating of Armour (Max) 80°C - 200°C for 1.0 sec
mm ²	Ω/km	Ω/km	μF/km	A/km	A	A	A	kA	kA	kA
3 x 50	0.1426	0.51	0.14	0.84	211	186	239	7.2	2.1	7.2
3 x 70	0.1332	0.37	0.16	0.96	256	229	292	10	2.2	10
3 x 95	0.125	0.28	0.17	1.01	306	268	355	13.6	2.3	13.6
3 x 120	0.1194	0.23	0.19	1.13	346	305	403	17.2	2.4	17.2
3 x 150	0.1162	0.2	0.2	1.19	386	346	455	21.5	2.5	21.5
3 x 185	0.1125	0.17	0.21	1.24	432	382	516	26.5	2.6	26.2
3 x 240	0.1078	0.15	0.24	1.43	494	441	597	34.3	2.8	27.6
3 x 300	0.1037	0.13	0.26	1.55	549	484	672	42.9	3	29
3 x 400	0.0993	0.12	0.28	1.64	616	559	763	57.2	3.2	31.6

● Technical Parameters

Single Core – Class 2 Aluminium Conductor, XLPE Insulated, Copper Taped Screen, PVC (PE) Sheathed.									
No. of Cores × Nominal Cross Section Area of Conductor	Insulation Thickness (Min)	Outer Sheath Thickness	Overall Diameter (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance	Reactance @ 50Hz*
mm ²	mm	mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km	Ω/km
1 x 50	8	2	34	1090	680	0.641	0.822	0.473	0.1486
1 x 70	8	2	35	1220	700	0.443	0.568	0.442	0.1389
1 x 95	8	2.1	37	1380	740	0.32	0.411	0.418	0.1313
1 x 120	8	2.1	39	1510	780	0.253	0.325	0.405	0.1272
1 x 150	8	2.2	40	1650	800	0.206	0.265	0.394	0.1238
1 x 185	8	2.2	42	1850	840	0.164	0.211	0.377	0.1184
1 x 240	8	2.3	45	2120	900	0.125	0.161	0.365	0.1147
1 x 300	8	2.4	48	2410	960	0.1	0.129	0.352	0.1106
1 x 400	8	2.5	51	2790	1020	0.0778	0.101	0.339	0.1065
1 x 500	8	2.6	54	3250	1080	0.0605	0.0798	0.327	0.1027
1 x 630	8	2.7	58	3820	1160	0.0469	0.0631	0.317	0.0996
1 x 800	8	2.8	64	4660	1280	0.0367	0.0511	0.299	0.0939
1 x 1000	8	3	69	5510	1380	0.0291	0.0423	0.291	0.0914

No. of Cores × Nominal Cross Section Area of Conductor	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)*	Continuous Current Carrying Capacity (Ducts)*	Continuous Current Carrying Capacity (Air)*	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating (Max) 80°C - 200°C for 1.0 sec	Impedance @ 90°C & 50Hz
mm ²	μF/km	A/km	A	A	A	kA	kA	Ω/km
1 x 50	0.14	0.84	171	175	205	4.7	2.1	0.84
1 x 70	0.16	0.96	210	210	250	6.6	2.2	0.58
1 x 95	0.18	1.07	250	250	305	8.9	2.3	0.43
1 x 120	0.19	1.13	284	283	345	11.3	2.5	0.35
1 x 150	0.2	1.19	320	320	400	14.1	2.5	0.29
1 x 185	0.22	1.31	360	350	450	17.4	2.7	0.24
1 x 240	0.24	1.43	416	415	550	22.6	2.9	0.2
1 x 300	0.26	1.55	475	460	600	28.2	3	0.17
1 x 400	0.29	1.73	550	520	705	37.6	3.2	0.15
1 x 500	0.31	1.85	610	580	820	47	3.5	0.13
1 x 630	0.34	2.03	690	652	940	59.2	3.7	0.12
1 x 800	0.4	2.39	782	770	1100	75.2	4.2	0.11
1 x 1000	0.44	2.63	864	813	1229	94	4.6	0.1

● Technical Parameters

Single Core – Class 2 Aluminium Conductor, XLPE Insulated, Copper Wire Screen, PVC (PE) Sheathed.									
No. of Cores × Nominal Cross Section Area of Conductor	Insulation Thickness (Min)	Outer Sheath Thickness	Overall Diameter (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance	Reactance @ 50Hz*
mm ²	mm	mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km	Ω/km
1 x 50	8	2	36	1360	720	0.641	0.822	0.479	0.1505
1 x 70	8	2	37	1480	740	0.443	0.568	0.451	0.1417
1 x 95	8	2.1	39	1640	780	0.32	0.411	0.427	0.1341
1 x 120	8	2.1	41	1770	820	0.253	0.325	0.411	0.1291
1 x 150	8	2.2	42	1900	840	0.206	0.265	0.402	0.1263
1 x 185	8	2.2	44	2090	880	0.164	0.211	0.384	0.1206
1 x 240	8	2.3	47	2350	940	0.125	0.161	0.37	0.1162
1 x 300	8	2.4	49	2640	980	0.1	0.129	0.355	0.1115
1 x 400	8	2.5	52	3010	1040	0.0778	0.101	0.343	0.1078
1 x 500	8	2.6	56	3460	1120	0.0605	0.0797	0.331	0.104
1 x 630	8	2.7	59	4020	1180	0.0469	0.063	0.32	0.1005
1 x 800	8	2.8	66	4840	1320	0.0367	0.0509	0.305	0.0958
1 x 1000	8	3	71	5680	1420	0.0291	0.0422	0.296	0.093

No. of Cores × Nominal Cross Section Area of Conductor	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)*	Continuous Current Carrying Capacity (Ducts)*	Continuous Current Carrying Capacity (Air)*	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating (Max) 80°C - 200°C for 1.0 sec	Impedance @ 90°C & 50Hz
mm ²	μF/km	A/km	A	A	A	kA	kA	Ω/km
1 x 50	0.84	0.14	0.84	171	175	205	4.7	4.5
1 x 70	0.59	0.16	0.96	210	210	250	6.6	4.5
1 x 95	0.43	0.18	1.07	250	250	305	8.9	4.5
1 x 120	0.35	0.19	1.13	284	283	345	11.3	4.5
1 x 150	0.29	0.2	1.19	320	320	400	14.1	4.5
1 x 185	0.24	0.22	1.31	360	350	450	17.4	4.5
1 x 240	0.2	0.24	1.43	416	415	550	22.6	4.5
1 x 300	0.17	0.26	1.55	475	460	600	28.2	4.5
1 x 400	0.15	0.29	1.73	550	520	705	37.6	4.5
1 x 500	0.13	0.31	1.85	610	580	820	47	4.5
1 x 630	0.12	0.34	2.03	690	652	940	59.2	4.5
1 x 800	0.11	0.4	2.39	782	770	1100	75.2	4.5
1 x 1000	0.1	0.44	2.63	864	813	1229	94	4.5

● Technical Parameters

Single Core – Class 2 Aluminium Conductor, XLPE Insulated, Copper Taped Screen, PVC (PE) Bedding, Aluminium Wire Armour, PVC (PE) Sheathed.

No. of Cores × Nominal Cross Section Area of Conductor	Insulation Thickness (Min)	Inner Sheath Thickness	Aluminium Wire Armour Diameter	Outer Sheath Thickness	Overall Dia. (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance
mm ²	mm	mm	mm	mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km
1 x 50	8	1.2	2	2.2	40	1700	600	0.641	0.822	0.505
1 x 70	8	1.2	2	2.2	42	1870	630	0.443	0.568	0.478
1 x 95	8	1.2	2	2.3	44	2060	660	0.32	0.411	0.452
1 x 120	8	1.2	2	2.3	46	2220	690	0.253	0.325	0.438
1 x 150	8	1.3	2.5	2.4	48	2540	720	0.206	0.265	0.431
1 x 185	8	1.3	2.5	2.5	50	2800	750	0.164	0.211	0.412
1 x 240	8	1.3	2.5	2.5	53	3090	795	0.125	0.161	0.398
1 x 300	8	1.4	2.5	2.6	56	3460	840	0.1	0.129	0.382
1 x 400	8	1.4	2.5	2.7	59	3900	885	0.0778	0.101	0.368
1 x 500	8	1.5	2.5	2.8	62	4460	930	0.0605	0.0795	0.355
1 x 630	8	1.5	2.5	2.9	66	5110	990	0.0469	0.0627	0.343
1 x 800	8	1.6	2.5	3.1	73	6150	1095	0.0367	0.0505	0.326
1 x 1000	8	1.7	2.5	3.2	78	7100	1170	0.0291	0.0417	0.316

No. of Cores × Nominal Cross Section Area of Conductor	Reactance @ 50Hz*	Impedance @ 90°C & 50Hz	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)*	Continuous Current Carrying Capacity (Ducts)*	Continuous Current Carrying Capacity (Air)*	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating (Max) 80°C - 200°C for 1.0 sec	Earth Fault Short Circuit Rating of Armour (Max) 80°C - 200°C for 1.0 sec
mm ²	Ω/km	Ω/km	μF/km	A/Km	A	A	A	kA	kA	kA
1 x 50	0.1587	0.84	0.14	0.84	172	170	203	4.7	1	4.7
1 x 70	0.1502	0.59	0.16	0.96	210	210	248	6.6	1.1	6.6
1 x 95	0.142	0.43	0.18	1.07	250	245	300	8.9	1.2	8.9
1 x 120	0.1376	0.35	0.19	1.13	282	275	345	11.3	1.2	11.3
1 x 150	0.1354	0.3	0.2	1.19	315	300	390	14.1	1.3	14.1
1 x 185	0.1294	0.25	0.22	1.31	355	335	446	17.4	1.3	17.4
1 x 240	0.125	0.2	0.24	1.43	408	380	521	22.6	1.4	19.6
1 x 300	0.12	0.18	0.26	1.55	456	420	592	28.2	1.5	20.9
1 x 400	0.1156	0.15	0.29	1.73	512	459	683	37.6	1.6	22.1
1 x 500	0.1115	0.14	0.31	1.85	577	508	777	47	1.7	23.8
1 x 630	0.1078	0.12	0.34	2.03	645	558	883	59.2	1.9	25.5
1 x 800	0.1024	0.11	0.4	2.39	703	600	1003	75.2	2.1	28.4
1 x 1000	0.0993	0.11	0.44	2.63	765	651	1106	94	2.3	30.5

● Technical Parameters

Three Core – Class 2 Aluminium Conductor, XLPE Insulated, Copper Taped Screen, PVC (PE) Bedding, Galvanised Steel Wire Armour, PVC (PE) Sheathed.

No. of Cores × Nominal Cross Section Area of Conductor	Insulation Thickness (Min)	Inner Sheath Thickness	Aluminium Wire Armour Diameter	Outer Sheath Thickness	Overall Dia. (Nom)	Cable Weight (Nom)	Internal Bending Radius (Min)	D.C. Conductor Resistance @ 20°C (Max)	A.C. Conductor Resistance @ 90°C (Max)	Inductance
mm ²	mm	mm	mm	mm	mm	kg/km	mm	Ω/km	Ω/km	mH/km
3 x 50	8	1.8	3.15	3.4	81	8600	972	0.641	0.822	0.448
3 x 70	8	1.8	3.15	3.5	85	9340	1020	0.443	0.568	0.422
3 x 95	8	1.9	3.15	3.6	88	10030	1056	0.32	0.411	0.396
3 x 120	8	2	3.15	3.7	92	10810	1104	0.253	0.325	0.381
3 x 150	8	2	3.15	3.8	94	11380	1128	0.206	0.265	0.372
3 x 185	8	2.1	3.15	3.9	99	12450	1188	0.164	0.211	0.356
3 x 240	8	2.2	3.15	4.1	105	13740	1260	0.125	0.163	0.343
3 x 300	8	2.3	3.15	4.3	111	15250	1332	0.1	0.132	0.328
3 x 400	8	2.4	3.15	4.5	117	16970	1404	0.0778	0.104	0.317

No. of Cores × Nominal Cross Section Area of Conductor	Reactance @ 50Hz*	Impedance @ 90°C & 50Hz	Capacitance (Max)	Charging Current	Continuous Current Carrying Capacity (Laid Direct)*	Continuous Current Carrying Capacity (Ducts)*	Continuous Current Carrying Capacity (Air)*	Symmetrical Short Circuit Rating (Max) 90°C - 250°C for 1.0 sec	Earth Fault Short Circuit Rating (Max) 80°C - 200°C for 1.0 sec	Earth Fault Short Circuit Rating of Armour (Max) 80°C - 200°C for 1.0 sec
mm ²	Ω/km	Ω/km	μF/km	A/Km	A	A	A	kA	kA	kA
3 x 50	0.1407	0.83	0.14	0.84	163	145	184	4.7	2.1	4.7
3 x 70	0.1326	0.58	0.16	0.96	200	179	227	6.6	2.2	6.6
3 x 95	0.1244	0.43	0.18	1.07	239	210	276	8.9	2.4	8.9
3 x 120	0.1197	0.35	0.19	1.13	270	240	315	11.3	2.5	11.3
3 x 150	0.1169	0.29	0.2	1.19	301	269	355	14.1	2.5	14.1
3 x 185	0.1118	0.24	0.22	1.31	340	301	405	17.4	2.7	17.4
3 x 240	0.1078	0.2	0.24	1.43	391	351	471	22.6	2.9	22.6
3 x 300	0.103	0.17	0.26	1.55	437	385	532	28.2	3.1	28.2
3 x 400	0.0996	0.14	0.29	1.73	496	451	612	37.6	3.3	31.6