



Eland Product Group: P9X

APPLICATION

Medium voltage power cables with additional waterblocking properties for distribution networks and generation units, suitable for external installation including in direct in ground and in buried cable ducts. UV Resistant.

CHARACTERISTICS

Voltage Rating U_0/U (Um)

6/10 (12)kV
8.7/15 (17.5)kV
12/20 (24)kV
18/30 (36)kV

Test Voltage

10kV: 21 kV AC 50Hz (15 mins)
20kV: 42kV AC 50Hz (5 mins)
30kV: 63kV AC 50Hz (5 mins)

Temperature Rating

-20°C to +60°C
Permissible Conductor Operating Temperature: +90°C
Permissible Short Circuit Temperature up to 5 sec: 250°C

Minimum Bending Radius

15 x overall diameter

CONSTRUCTION

Conductor

Class 2 Stranded Aluminium

Conductor Screen

Semi-conductive material

Insulation

XLPE (Cross-Linked Polyethylene)

Insulation Screen

Semi-conductive material (bonded)

Longitudinal Waterblocking

Semi-conductive swellable tape

Screen

Copper wires and copper tape

Longitudinal Waterblocking

Swellable Tapes

Radial Waterblocking

Al/PET (Aluminium/Polyester) Tape tightly bonded to sheath

Outer Sheath

MDPE (Medium Density Polyethylene)

Sheath Colour

● Red ● Black

STANDARDS

IEC 60502-2, Generally to PN HD 620 10R
UV Resistant to: ISO 4892-3
Abrasion and Tear Resistance to: EN 60229-4.1
Impact rated to: AG2 EN 60364-5.51

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS 6/10 (12)kV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA		NOMINAL CONDUCTOR DIAMETER	NUMBER WIRES CONDUCTOR	NOM. THICKNESS SEMI-CON. LAYER		NOMINAL INSULATION THICKNESS	MINIMUM INSULATION THICKNESS	NOMINAL DIAMETER OVER INSULATION
		mm ²				INNER	OUTER			
		Conductor	Screen							
P9XAFL10KV1050	1	50	16	8.20	7 x 2.90	0.50	0.40	3.40	2.96	16.4
P9XAFL10KV1070	1	70	16	9.70	19 x 2.18	0.50	0.40	3.40	2.96	17.9
P9XAFL10KV1095	1	95	16	11.4	19 x 2.55	0.50	0.40	3.40	2.96	19.6
P9XAFL10KV1120	1	120	16	12.65	19 x 2.90	0.50	0.40	3.40	2.96	20.9
P9XAFL10KV1150	1	150	25	14.4	19 x 3.16	0.50	0.40	3.40	2.96	22.6
P9XAFL10KV1185	1	185	25	15.75	37 x 2.55	0.50	0.40	3.40	2.96	24.4
P9XAFL10KV1240	1	240	25	18.2	37 x 2.90	0.50	0.40	3.40	2.96	26.9
P9XAFL10KV1300	1	300	25	20.5	61 x 2.55	0.50	0.40	3.40	2.96	29.2
P9XAFL10KV1400	1	400	35	23.0	61 x 2.90	0.50	0.40	3.40	2.96	31.7
P9XAFL10KV1500	1	500	35	26.0	61 x 3.20	0.50	0.40	3.40	2.96	34.7
P9XAFL10KV1630	1	630	35	30.2	61 x 3.65	0.50	0.40	3.40	2.96	38.9

NOMINAL CROSS SECTIONAL AREA	NUMBER WIRES SCREEN	DIAMETER TAPE SCREEN	NOMINAL SHEATH THICKNESS	MINIMUM SHEATH THICKNESS	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT	MAXIMUM SIDEWALL PRESSURE	MAXIMUM PULLING TENSION
mm ²	mm	mm	mm	mm	mm	kg/km	N/cm ²	N
50	44 x 0.66	1x0.1x10	1.80	1.24	23	550	331	1500
70	44 x 0.66	1x0.1x10	1.80	1.24	24	650	415	2100
95	44 x 0.66	1x0.1x10	1.80	1.24	26	750	522	2850
120	44 x 0.66	1x0.1x10	1.80	1.24	27	850	621	4500
150	71 x 0.66	1x0.1x10	1.90	1.32	29	1100	708	7500
185	71 x 0.66	1x0.1x10	1.90	1.32	31	1200	809	5550
240	71 x 0.66	1x0.1x10	2.00	1.40	33	1400	938	7200
300	71 x 0.66	1x0.1x10	2.10	1.48	36	1600	1081	9000
400	60 x 0.85	1x0.1x15	2.20	1.56	39	2000	1311	12000
500	60 x 0.85	1x0.1x15	2.30	1.64	42	2500	1471	15000
630	60 x 0.85	1x0.1x15	2.40	1.72	46	3000	1654	18900



ELECTRICAL CHARACTERISTICS 6/10 (12)kV

NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR DC RESISTANCE AT 20°C ohms/km	CONDUCTOR DC RESISTANCE AT 75°C ohms/km	CONDUCTOR AC RESISTANCE BY MAX TEMP ohms/km	CURRENT CARRYING CAPACITY (A)		REACTANCE ohms/km	CHARGING ADMITTANCE A/km	CAPACITANCE uF/km	S.C.C CONDUCTOR 1SEC kA	S.C.C SCREEN 1SEC kA	CONDUCTOR LOSSES IN THE GROUND kW/km
				In Ground 20°C	In Air 30°C						
50	0.641	1.32	0.825	194	215	0.18	0.35	0.22	4.70	3.2	31.0
70	0.443	0.917	0.570	236	269	0.17	0.33	0.24	6.58	3.2	31.7
95	0.32	0.662	0.412	281	327	0.17	0.32	0.28	8.93	3.2	32.5
120	0.258	0.524	0.328	318	377	0.16	0.31	0.30	11.28	3.2	33.2
150	0.203	0.426	0.268	350	424	0.16	0.30	0.33	14.10	5.0	32.8
185	0.165	0.339	0.213	393	485	0.16	0.29	0.36	17.39	5.0	32.9
240	0.125	0.258	0.160	453	573	0.15	0.28	0.40	22.56	5.0	33.4
300	0.100	0.207	0.132	507	652	0.15	0.28	0.45	28.20	5.0	33.9
400	0.0778	0.161	0.103	559	741	0.15	0.27	0.49	37.60	7.1	32.2
500	0.0605	0.125	0.0810	622	838	0.15	0.26	0.54	47.00	7.1	31.3
630	0.0469	0.0972	0.0640	701	882	0.14	0.25	0.62	59.22	7.1	47.3

Derating factor (ground): 1 (Soil thermal resistivity: 1km/W, Depth 0.8m, Flat formation - touching)

Derating factor (air): 1 (Flat formation - touching)



DIMENSIONS 8.7/15 (17.5)kV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER OF CONDUCTOR mm	INSULATION mm		METALLIC SCREEN		NOMINAL OUTER DIAMETER OF CABLE mm	NOMINAL WEIGHT kg/km	MAXIMUM PULLING FORCE kN	MINIMUM BENDING RADIUS m
				Nominal thickness	Nominal diameter over	Nominal cross section mm ²	Nominal diameter over mm				
P9XAFL15KV1050	1	50	8.25	4.5	18.5	16	22.5	28.6	780	1.5	0.60
P9XAFL15KV1070	1	70	9.5	4.5	19.7	25	23.8	29.8	950	2.1	0.63
P9XAFL15KV1095	1	95	11.3	4.5	21.5	35	25.6	31.6	1160	2.85	0.68
P9XAFL15KV1120	1	120	12.5	4.5	22.7	50	26.8	32.8	1400	3.6	0.71
P9XAFL15KV1150	1	150	14.2	4.5	24.4	50	28.5	34.5	1520	4.5	0.75
P9XAFL15KV1185	1	185	15.8	4.5	26.0	50	30.1	36.1	1660	5.55	0.79
P9XAFL15KV1240	1	240	17.9	4.5	28.1	50	32.2	38.2	1860	7.2	0.84
P9XAFL15KV1300	1	300	20.0	4.5	30.2	50	34.3	40.3	2080	9	0.89
P9XAFL15KV1400	1	400	22.9	4.5	33.1	50	37.2	43.2	2380	12	0.97
P9XAFL15KV1500	1	500	25.7	4.5	36.4	50	40.7	46.7	2800	15	1.05
P9XAFL15KV1630	1	630	29.3	4.5	40.3	50	44.5	50.8	3290	18.9	1.15
P9XAFL15KV1800	1	800	33.0	4.5	44.4	50	48.6	55.3	3910	24	1.25
P9XAFL15KV11000	1	1000	38.0	4.5	49.4	50	53.6	60.5	4630	30	1.38

ELECTRICAL CHARACTERISTICS 8.7/15 (17.5)kV

NOMINAL CROSS SECTIONAL AREA CONDUCTOR/METALLIC SCREEN mm ²	MAXIMUM CONDUCTOR DC RESISTANCE AT 20°C Ω/km	MAXIMUM CONDUCTOR AC RESISTANCE AT 90°C Ω/km	MAXIMUM METALLIC SCREEN DC RESISTANCE AT 20°C Ω/km	MAXIMUM METALLIC SCREEN AC RESISTANCE AT 80°C Ω/km	ELECTRICAL FIELD STRESS kV/mm		RESISTANCE Ω/km	CAPACITANCE μF/km	CAPACITANCE REACTANCE Ω/km	CHARGING CURRENT A/km	REACTANCE Ω/km
					Conductor screen	Insulation					
50	0.641	0.822	1.12	1.38	2.72	1.37	1.63	0.19	17.2	0.51	0.078
70	0.443	0.568	0.72	0.89	2.63	1.40	1.17	0.20	15.7	0.56	0.073
95	0.320	0.411	0.51	0.63	2.53	1.45	0.88	0.23	13.9	0.63	0.066
120	0.253	0.325	0.36	0.44	2.48	1.47	0.67	0.25	12.9	0.67	0.063
150	0.206	0.265	0.36	0.44	2.42	1.51	0.61	0.27	11.8	0.74	0.059
185	0.164	0.211	0.36	0.44	2.37	1.53	0.55	0.29	10.9	0.80	0.055
240	0.125	0.161	0.36	0.44	2.32	1.56	0.50	0.32	9.9	0.88	0.052
300	0.100	0.130	0.36	0.44	2.28	1.59	0.46	0.35	9.1	0.96	0.049
400	0.0778	0.102	0.36	0.44	2.24	1.61	0.43	0.39	8.1	1.07	0.046
500	0.0605	0.0800	0.36	0.44	2.18	1.62	0.40	0.43	7.3	1.18	0.044
630	0.0283	0.0410	0.36	0.44	2.14	1.65	0.38	0.38	6.5	1.33	0.042
800	0.0221	0.0343	0.36	0.44	2.11	1.67	0.36	0.36	5.9	1.49	0.040
1000	0.0176	0.0296	0.36	0.44	2.08	1.69	0.34	0.34	5.2	1.67	0.037



NOMINAL CROSS SECTIONAL AREA CONDUCTOR/ METALLIC SCREEN mm ²	INDUCTANCE L mH/km			INDUCTANCE REACTANCE XL Ω/km			IMPEDANCE Ω/km		
	0°0°2	000°3	000°4	0°0°2	000°3	000°4	0°0°2	000°3	000°4
	50	0.44	0.73	0.62	0.137	0.230	0.195	0.833	0.853
70	0.42	0.71	0.60	0.131	0.222	0.189	0.583	0.610	0.599
95	0.39	0.67	0.58	0.124	0.212	0.182	0.429	0.462	0.449
120	0.38	0.66	0.57	0.120	0.206	0.178	0.346	0.385	0.370
150	0.37	0.63	0.55	0.115	0.199	0.173	0.289	0.331	0.316
185	0.35	0.62	0.54	0.111	0.193	0.169	0.238	0.286	0.270
240	0.34	0.59	0.53	0.107	0.187	0.165	0.193	0.247	0.231
300	0.33	0.58	0.51	0.103	0.181	0.161	0.166	0.223	0.207
400	0.32	0.55	0.50	0.099	0.174	0.157	0.142	0.202	0.187
500	0.31	0.54	0.49	0.097	0.169	0.155	0.126	0.187	0.174
630	0.30	0.52	0.48	0.094	0.163	0.152	0.113	0.175	0.165
800	0.29	0.50	0.48	0.092	0.158	0.150	0.105	0.166	0.158
1000	0.28	0.48	0.47	0.088	0.151	0.147	0.098	0.157	0.153

- 2 - Cables in trefoil formation, the distance between cables De
- 3 - Cables in flat formation (in the ground), the distance between cables De + 70 mm
- 4 - Cables in flat formation (in the air), the distance between cables 2 × De

CURRENT RATING FOR SINGLE-CORE CABLES – AMPERES

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM SHORT CIRCUIT CAPACITY CONDUCTOR kA/sec	MAXIMUM SHORT CIRCUIT CAPACITY METALLIC SCREEN kA/sec	FLAT FORMATION		TREFOIL FORMATION		FLAT FORMATION		TREFOIL FORMATION	
			CONFIGURATIONS							
			SPP; CB	BOTH-ENDS	SPP; CB	BOTH-ENDS	SPP; CB	BOTH-ENDS	SPP; CB	BOTH-ENDS
			CABLES IN EARTH				CABLES IN AIR			
50	4.7	3.7	228	226	214	213	236	234	200	200
70	6.6	5.3	279	274	262	261	292	288	247	247
95	9.0	7.1	336	326	315	313	357	348	302	300
120	11.3	9.8	383	365	359	355	411	394	347	343
150	14.2	9.8	432	407	405	400	470	445	395	391
185	17.5	9.8	491	455	460	453	541	506	454	447
240	22.7	9.8	572	516	535	525	639	586	536	526
300	28.4	9.8	649	571	606	592	736	660	615	601
400	37.8	9.8	749	638	699	677	864	755	720	699
500	47.3	9.8	859	705	798	768	1007	852	838	808
630	59.5	9.8	987	778	913	871	1181	960	977	935
800	75.6	9.8	1123	846	1034	975	1368	1064	1125	1065
1000	94.5	9.8	1271	915	1157	1078	1584	1175	1287	1206

SPB – Single Point Bonding; CB – Cross-bonding Both-ends; BE – Both-ends bonding

Laying conditions at trefoil formation are as below:

- Soil thermal resistivity: 1/2.5 k m/W
- Burial depth: 0.7m
- Ground temperature: 20°C | Ambient temperature: 30°C



DIMENSIONS 12/20 (24)kV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA		NOMINAL CONDUCTOR DIAMETER	NUMBER WIRES CONDUCTOR	NOM. THICKNESS SEMI-CON. LAYER		NOMINAL INSULATION THICKNESS	MINIMUM INSULATION THICKNESS	NOMINAL DIAMETER OVER INSULATION
		mm ²				INNER	OUTER			
		Conductor	Screen							
P9XAFL20KV1050	1	50	16	8.20	7 x 2.90	0.50	0.40	5.50	4.85	20.4
P9XAFL20KV1070	1	70	16	9.70	19 x 2.18	0.50	0.40	5.50	4.85	21.9
P9XAFL20KV1095	1	95	16	11.4	19 x 2.55	0.50	0.40	5.50	4.85	23.6
P9XAFL20KV1120	1	120	16	12.65	19 x 2.90	0.50	0.40	5.50	4.85	24.9
P9XAFL20KV1150	1	150	25	14.4	19 x 3.16	0.50	0.40	5.50	4.85	26.6
P9XAFL20KV1185	1	185	25	15.75	37 x 2.55	0.50	0.40	5.50	4.85	28.4
P9XAFL20KV1240	1	240	25	18.2	37 x 2.90	0.50	0.40	5.50	4.85	30.9
P9XAFL20KV1300	1	300	25	20.5	61 x 2.55	0.50	0.40	5.50	4.85	33.2
P9XAFL20KV1400	1	400	35	23.0	61 x 2.90	0.50	0.40	5.50	4.85	35.7
P9XAFL20KV1500	1	500	35	26.0	61 x 3.20	0.50	0.40	5.50	4.85	38.7
P9XAFL20KV1630	1	630	35	30.2	61 x 3.65	0.50	0.40	5.50	4.85	42.9

NOMINAL CROSS SECTIONAL AREA	NUMBER WIRES SCREEN	DIAMETER TAPE SCREEN	NOMINAL SHEATH THICKNESS	MINIMUM SHEATH THICKNESS	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT	MAXIMUM SIDEWALL PRESSURE	MAXIMUM PULLING TENSION
mm ²	mm	mm	mm	mm	mm	kg/km	N/cm ²	N
50	44 x 0.66	1x0.1x10	1.80	1.24	27	750	284	1500
70	44 x 0.66	1x0.1x10	1.90	1.32	29	900	362	2100
95	44 x 0.66	1x0.1x10	1.90	1.32	31	1000	448	2850
120	44 x 0.66	1x0.1x10	2.00	1.40	32	1100	538	3600
150	71 x 0.66	1x0.1x10	2.00	1.40	34	1300	620	4500
185	71 x 0.66	1x0.1x10	2.10	1.48	36	1500	715	5550
240	71 x 0.66	1x0.1x10	2.10	1.48	38	1700	854	7200
300	71 x 0.66	1x0.1x10	2.20	1.56	41	2000	976	9000
400	60 x 0.85	1x0.1x15	2.30	1.64	44	2500	1194	12000
500	60 x 0.85	1x0.1x15	2.40	1.72	47	2750	1370	15000
630	60 x 0.85	1x0.1x15	2.50	1.80	51	3250	1552	18900



ELECTRICAL CHARACTERISTICS 12/20 (24)kV

NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR DC RESISTANCE AT 20°C ohms/km	CONDUCTOR DC RESISTANCE AT 75°C ohms/km	CONDUCTOR AC RESISTANCE BY MAX TEMP ohms/km	CURRENT CARRYING CAPACITY (A)		REACTANCE ohms/km	CHARGING ADMITTANCE A/km	CAPACITANCE uF/km	S.C.C CONDUCTOR 1SEC kA	S.C.C SCREEN 1SEC kA	CONDUCTOR LOSSES IN THE GROUND kW/km
				In Ground 20°C	In Air 30°C						
50	0.641	1.32	0.825	195	217	0.19	0.40	0.15	4.70	3.2	31.4
70	0.443	0.917	0.570	237	270	0.19	0.38	0.17	6.58	3.2	32.0
95	0.32	0.662	0.412	282	328	0.18	0.36	0.19	8.93	3.2	32.8
120	0.258	0.524	0.328	320	378	0.18	0.35	0.20	11.28	3.2	33.6
150	0.203	0.426	0.268	353	425	0.17	0.33	0.22	14.10	5.0	33.4
185	0.164	0.339	0.213	396	485	0.17	0.33	0.24	17.39	5.0	33.4
240	0.125	0.258	0.160	457	573	0.16	0.31	0.27	22.56	5.0	34.0
300	0.100	0.207	0.132	511	652	0.16	0.30	0.29	28.20	5.0	34.5
400	0.0778	0.161	0.103	566	740	0.16	0.29	0.32	37.60	7.1	33.0
500	0.0605	0.125	0.0810	630	838	0.15	0.28	0.35	47.00	7.1	32.1
630	0.0469	0.0972	0.0640	701	882	0.15	0.27	0.40	59.22	7.1	47.3

Derating factor (ground): 1 (Soil thermal resistivity: 1km/W, Depth 0.8m, Flat formation - touching)

Derating factor (air): 1 (Flat formation - touching)



DIMENSIONS 18/30 (36)kV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA		NOMINAL CONDUCTOR DIAMETER	NUMBER WIRES CONDUCTOR	NOM. THICKNESS SEMI-CON. LAYER		NOMINAL INSULATION THICKNESS	MINIMUM INSULATION THICKNESS	NOMINAL DIAMETER OVER INSULATION
		mm ²				INNER	OUTER			
		Conductor	Screen							
P9XAFL30KV1050	1	50	16	8.20	7 x 2.90	0.50	0.40	8.00	7.10	25.2
P9XAFL30KV1070	1	70	16	9.70	19 x 2.18	0.50	0.40	8.00	7.10	26.7
P9XAFL30KV1095	1	95	16	11.4	19 x 2.55	0.50	0.40	8.00	7.10	28.4
P9XAFL30KV1120	1	120	16	12.65	19 x 2.90	0.50	0.40	8.00	7.10	29.7
P9XAFL30KV1150	1	150	25	14.4	19 x 3.16	0.50	0.40	8.00	7.10	31.4
P9XAFL30KV1185	1	185	25	15.75	37 x 2.55	0.50	0.40	8.00	7.10	33.2
P9XAFL30KV1240	1	240	25	18.2	37 x 2.90	0.50	0.40	8.00	7.10	35.7
P9XAFL30KV1300	1	300	25	20.5	61 x 2.55	0.50	0.40	8.00	7.10	38.0
P9XAFL30KV1400	1	400	35	23.0	61 x 2.90	0.50	0.40	8.00	7.10	40.5
P9XAFL30KV1500	1	500	35	26.0	61 x 3.20	0.50	0.40	8.00	7.10	43.5
P9XAFL30KV1630	1	630	35	30.2	61 x 3.65	0.50	0.40	8.00	7.10	47.7

NOMINAL CROSS SECTIONAL AREA	NUMBER WIRES SCREEN	DIAMETER TAPE SCREEN	NOMINAL SHEATH THICKNESS	MINIMUM SHEATH THICKNESS	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT	MAXIMUM SIDEWALL PRESSURE	MAXIMUM PULLING TENSION
mm ²	mm	mm	mm	mm	mm	kg/km	N/cm ²	N
50	44 x 0.66	1x0.1x10	2.00	1.40	32	1000	249	1500
70	44 x 0.66	1x0.1x10	2.00	1.40	34	1100	320	2100
95	44 x 0.66	1x0.1x10	2.10	1.48	36	1300	401	2850
120	44 x 0.66	1x0.1x10	2.10	1.48	37	1400	483	3600
150	71 x 0.66	1x0.1x10	2.20	1.56	39	1600	562	4500
185	71 x 0.66	1x0.1x10	2.20	1.56	41	1800	652	5550
240	71 x 0.66	1x0.1x10	2.30	1.64	43	2000	784	7200
300	71 x 0.66	1x0.1x10	2.40	1.72	46	2250	902	9000
400	60 x 0.85	1x0.1x15	2.50	1.80	49	2750	1111	12000
500	60 x 0.85	1x0.1x15	2.60	1.88	52	3250	1282	15000
630	60 x 0.85	1x0.1x15	2.70	1.96	56	3750	1462	18900



ELECTRICAL CHARACTERISTICS 18/30 (36)kV

NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR DC RESISTANCE AT 20°C ohms/km	CONDUCTOR DC RESISTANCE AT 75°C ohms/km	CONDUCTOR AC RESISTANCE BY MAX TEMP ohms/km	CURRENT CARRYING CAPACITY (A)		REACTANCE ohms/km	CHARGING ADMITTANCE A/km	CAPACITANCE uF/km	S.C.C CONDUCTOR 1SEC kA	S.C.C SCREEN 1SEC kA	CONDUCTOR LOSSES IN THE GROUND kW/km
				In Ground 20°C	In Air 30°C						
50	0.641	1.32	0.825	196	217	0.20	0.44	0.12	4.70	3.2	31.7
70	0.443	0.917	0.570	238	270	0.20	0.41	0.13	6.58	3.2	32.3
95	0.32	0.662	0.412	284	328	0.19	0.39	0.14	8.93	3.2	33.2
120	0.258	0.524	0.328	322	378	0.18	0.38	0.15	11.28	3.2	34.0
150	0.203	0.426	0.268	355	425	0.18	0.36	0.17	14.10	5.0	33.8
185	0.164	0.339	0.213	400	485	0.18	0.36	0.18	17.39	5.0	34.1
240	0.125	0.258	0.160	461	572	0.17	0.34	0.20	22.56	5.0	34.6
300	0.100	0.207	0.132	516	649	0.17	0.33	0.22	28.20	5.0	35.1
400	0.0778	0.161	0.103	572	737	0.16	0.32	0.24	37.60	7.1	33.7
500	0.0605	0.125	0.0810	638	835	0.16	0.31	0.26	47.00	7.1	33.0
630	0.0469	0.0972	0.0640	701	882	0.16	0.29	0.29	59.22	7.1	47.3

Derating factor (ground): 1 (Soil thermal resistivity: 1km/W, Depth 0.8m, Flat formation - touching)

Derating factor (air): 1 (Flat formation - touching)

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.