

KL

Aluminium Flexible Rubber
(Fixed Wiring)

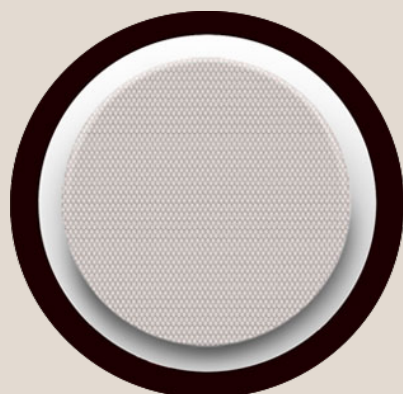
0.6/1kV 110°C

Insulation X-HF-110



Typical Applications

Flexible 110°C rubber power cable with potential for downsizing. Suitable for indoor/outdoor fixed wiring applications including mains, sub-mains and final sub circuits on tray, ladder, in conduit or buried direct.



Standard Core Configuration

- 1C: 
- 2C:+E:   
- 3C:+E:    
- 4C:+E:     

Other Colours available on request

Construction

Conductor Conductor Fine wire EC1350 Aluminium, Class 5, to IEC 60228 and AS/NZS 1125.

Insulation LSFLEX® R-70 (X-HF-110), Cross-Linked, Thermoset, Elastomeric

Jacket Low Friction E-RUBBER® S-20 Thermoplastic, Elastomeric, Flame Retardant, Splash resistant to oil, skydrol, petrol, acid and sea water. Resists ozone and UV. Excellent abrasion resistance. Submersible to 500m. Best Practice PVC. Anti-Termite/Rodent Jacket is Available.

Operating Temperature

- 40°C to 110°C

Voltage Rating

- 600/1000Volts

Core Identification

- To customer specification

Jacket Colour

- To customer specification

Standards

- ASN/NZS 1125
- ASN/NZS 1660.5.1
- ASN/NZS 1660.5.6
- ASN/NZS 3008.1
- ASN/NZS 3808
- ASN/NZS 5000.1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22



Installation Guide

Size mm ²	Earth mm ²	Min. Bend Radius mm	Nom. Cond. OD mm	Nom. Ins. OD mm	Nom. EA Ins. OD mm	Nom. Cable OD mm	Current Rating amp	Approx. Wt. kg/km
1c25	-	49.4	7.4	9.2		12.3	115	163
1c35	-	54.7	8.7	10.5		13.7	141	201
1c50	-	64.1	10.8	12.8		16.0	173	261
1c70	-	72.2	12.4	14.6		18.1	221	348
1c95	-	81.2	14.4	16.6		20.3	275	450
1c120	-	90.2	16.2	18.7		22.6	321	556
1c150	-	98.4	17.8	20.7		24.6	370	666
1c185	-	110.7	20.2	23.5		27.7	431	829
1c240	-	120.5	22.2	25.7		30.1	517	1036
1c300	-	135.6	25.5	29.2		33.9	599	1279
1c400	-	153.6	29.1	33.2		38.4	708	1635
1c500	-	175.7	33.9	38.4		43.9	828	2070
1c630	-	195.3	37.9	42.8		48.8	972	2636
2c16	16	93.6	6.9	8.7		23.4	96	411
2c25	25	98.1	7.4	9.2		24.5	129	467
2c35	35	109.5	8.7	10.5		27.4	159	582
2c50	50	131.5	10.8	12.8		32.9	194	787
2c70	70	148.2	12.4	14.6		37.0	246	1043
2c95	95	167.4	14.4	16.6		41.9	304	1362
2c120	120	185.9	16.2	18.7		46.5	354	1674
2c150	150	205.2	17.8	20.7		51.3	405	2054
2c185	185	231.6	20.2	23.5		57.9	469	2566
2c240	240	252.7	22.2	25.7		63.2	558	3215
2c300	300	285.2	25.5	29.2		71.3	642	3980

2c300	300	200.2	20.0	23.2	71.0	842	3300
3c16	16	102.9	6.9	8.7	25.7	81	508
3c25	25	107.9	7.4	9.2	27.0	110	581
3c35	35	121.5	8.7	10.5	30.4	135	743
3c50	50	145.9	10.8	12.8	36.5	165	1003
3c70	70	165.4	12.4	14.6	41.3	210	1355
3c95	95	185.9	14.4	16.6	46.5	259	1747
3c120	120	207.4	16.2	18.7	51.8	303	2174
3c150	150	228.8	17.8	20.7	57.2	345	2665
3c185	185	258.2	20.2	23.5	64.5	401	3328
3c240	240	281.6	22.2	25.7	70.4	477	4173
3c300	300	318.6	25.5	29.2	79.7	548	5201
3c400	400	360.7	29.1	33.2	90.2	640	6626
4c16	16	112.9	6.9	8.7	28.2	81	607
4c25	25	119.2	7.4	9.2	29.8	110	711
4c35	35	134.4	8.7	10.5	33.6	135	909
4c50	50	161.4	10.8	12.8	40.4	165	1226
4c70	70	182.9	12.4	14.6	45.7	210	1657
4c95	95	206.6	14.4	16.6	51.7	259	2164
4c120	120	230.3	16.2	18.7	57.6	303	2689
4c150	150	254.1	17.8	20.7	63.5	345	3294
4c185	185	286.6	20.2	23.5	71.7	401	4110
4c240	240	312.5	22.2	25.7	78.1	477	5154
4c300	300	354.4	25.5	29.2	88.6	548	6458

Continuous current carrying capacities are calculated assuming 30° ambient temperature in free air, flexible unenclosed touching. For other installation methods, please refer to our current ratings table.

There is a +5% tolerance to the NOMINAL values due to manufacturing process variations. TriCab is not liable for any errors, omissions, etc., and reserves the right to modify specifications at any time.

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