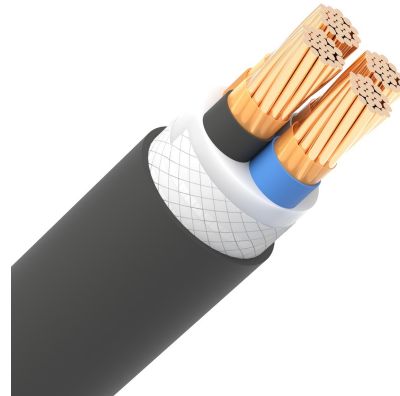


Fire Resistant / LSZH Power Cable

Special cable for project-specific electrical requirements

Fire Resistant / LSZH Power Cable is prepared for preliminary product selection and quotation review. This product is used where standard cable selection is not enough and project requirements such as fire performance, halogen-free materials, marine use or special installation conditions must be reviewed.



VOLTAGE

0.6/1kV

CONDUCTOR

Copper conductor route, confirmed by technical table

TYPICAL USE

Public buildings

STANDARDS

BS 6387; IEC 60331; IEC 60332-1; IEC 60332-3; additional project standards

DATA SCOPE

2 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm special performance, voltage, conductor, standard and installation condition.

For quotation review, provide cable type, standard, size, quantity and project destination.

ethan@farwalkcable.com | +86 155 5800 6344

Application & Selection Summary

Typical applications

- Public buildings
- industrial systems
- transport facilities
- emergency circuits
- marine or project-specific electrical installations where special cable properties are required.

Selection logic

- Confirm the required special performance, voltage grade, conductor size, installation environment, compliance standard and document requirements before final selection.

Construction Overview

Item	Website-ready content
Product route	Construction depends on the product type and required performance, including insulation, sheath, shielding, armour or fire-resistant layers where applicable.
Voltage	0.6/1kV
Conductor	Copper conductor route, confirmed by technical table
Standards	BS 6387; IEC 60331; IEC 60332-1; IEC 60332-3; IEC 61034; IEC 60754-1/2
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
2 Core - Unarmoured Fire Resistant (0.6/1kV)	2 x 1.5 - 4 x 240	2 Core - 4 Core	10.2 - 71.5	125 - 11650
2 Core - SWA Armoured Fire Resistant (0.6/1kV)	2 x 1.5 - 4 x 240	2 Core - 4 Core	13.5 - 79.2	310 - 16450

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

2 Core - Unarmoured Fire Resistant (0.6/1kV)

Reference table for preliminary selection and quotation review.

Area (mm²)	Cores	Insulation Thick. (mm)	Approx OD (mm)	Weight (kg/km)
2 Core - Unarmoured Fire Resistant (0.6/1kV)				
2 x 1.5	2 Core	0.7	10.2	125
2 x 2.5	2 Core	0.7	11.5	165
2 x 4.0	2 Core	0.7	12.8	215
2 x 6.0	2 Core	0.7	14.2	285
2 x 10	2 Core	0.7	16.5	410
2 x 16	2 Core	0.7	18.8	580
2 x 25	2 Core	0.9	22.5	850
4 Core - Unarmoured Fire Resistant (0.6/1kV)				
4 x 1.5	4 Core	0.7	12.5	180
4 x 2.5	4 Core	0.7	13.8	240
4 x 4.0	4 Core	0.7	15.5	320

2 Core - Unarmoured Fire Resistant (0.6/1kV) - continued

Reference table for preliminary selection and quotation review.

Area (mm ²)	Cores	Insulation Thick. (mm)	Approx OD (mm)	Weight (kg/km)
4 x 6.0	4 Core	0.7	17.2	420
4 x 10	4 Core	0.7	20.5	650
4 x 16	4 Core	0.7	23.5	950
4 x 25	4 Core	0.9	28.5	1450
4 x 35	4 Core	0.9	31.5	1850
4 x 50	4 Core	1.0	35.5	2450
4 x 70	4 Core	1.1	41.2	3450
4 x 95	4 Core	1.1	46.5	4650
4 x 120	4 Core	1.2	51.8	5850
4 x 150	4 Core	1.4	57.5	7250
4 x 185	4 Core	1.6	63.2	9050
4 x 240	4 Core	1.7	71.5	11650

2 Core - SWA Armoured Fire Resistant (0.6/1kV)

Reference table for preliminary selection and quotation review.

Area (mm ²)	Cores	SWA Dia. (mm)	Approx OD (mm)	Weight (kg/km)
2 Core - SWA Armoured Fire Resistant (0.6/1kV)				
2 x 1.5	2 Core	0.9	13.5	310
2 x 2.5	2 Core	0.9	14.5	370
2 x 4.0	2 Core	0.9	15.8	450
2 x 6.0	2 Core	0.9	17.2	550
2 x 10	2 Core	1.25	20.5	820
2 x 16	2 Core	1.25	22.8	1050
2 x 25	2 Core	1.6	27.5	1550
4 Core - SWA Armoured Fire Resistant (0.6/1kV)				
4 x 1.5	4 Core	0.9	15.2	410
4 x 2.5	4 Core	0.9	16.5	480
4 x 4.0	4 Core	0.9	17.8	620

2 Core - SWA Armoured Fire Resistant (0.6/1kV) - continued

Reference table for preliminary selection and quotation review.

Area (mm²)	Cores	SWA Dia. (mm)	Approx OD (mm)	Weight (kg/km)
4 x 6.0	4 Core	1.25	20.5	850
4 x 10	4 Core	1.25	23.5	1150
4 x 16	4 Core	1.6	27.2	1650
4 x 25	4 Core	1.6	32.5	2350
4 x 35	4 Core	1.6	35.5	2850
4 x 50	4 Core	1.6	39.5	3550
4 x 70	4 Core	2.0	46.2	5150
4 x 95	4 Core	2.0	52.5	6850
4 x 120	4 Core	2.5	58.8	8850
4 x 150	4 Core	2.5	64.5	10650
4 x 185	4 Core	2.5	70.8	12850
4 x 240	4 Core	2.5	79.2	16450