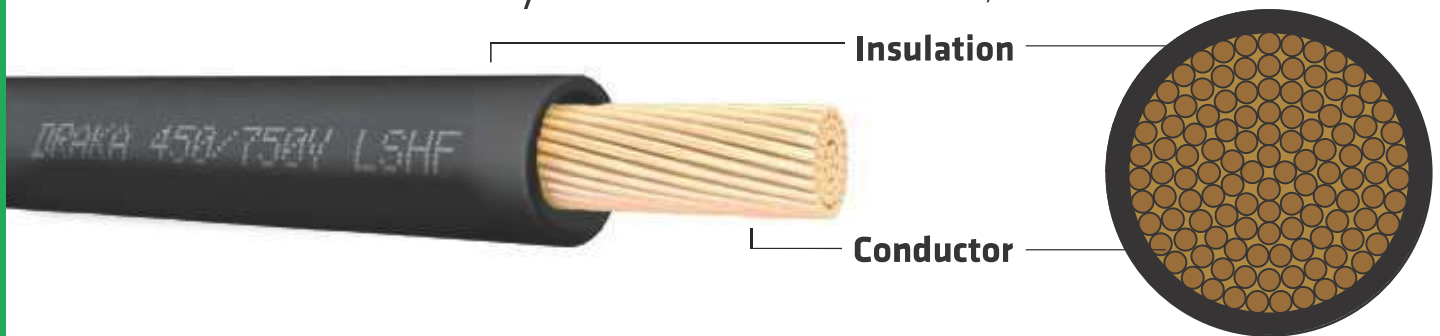


Cu/LSHF Single Core

450/750 V(*0.6/1 kV)

Cross-linked Polyolefin Insulated, Non-sheathed



Conductor	Insulation	Core Identification
Plain annealed copper wire	An extruded layer of cross-linked Polyolefin, EI5	Black default

Installation Spec:

Minimum bending radius (mm):

6 x overall diameter

Maximum pulling tension (kgf):

7 x No. of Cores x Conductor Size

Electrical Characteristics:

Operating Voltage, U_o/U

* For fixed installations with mechanical protection, within switchgear and control gas

All other installations

600/1000V

450/750V

Max Operating Temperature:

90°C

Performance Characteristics

Design Standard:

BS EN 50525-3-41
(BS 7211)

Conductor:

IEC 60228
BS 6360
BS EN 60228

Flame Retardant:

IEC 60332-1-2,
60332-3-22
60332-3-24

Halogen-free:

IEC 60754-1, IEC 60684-2

Corrosive gas-free:

IEC 60754-2

Final Short Circuit Temperature:

250°C

Low Smoke Density:

IEC 61034-2

Test Voltage:

2.5kV for 15 mins

Dimension & Electrical Data:

Cable Size	Nom. Insulation Thickness	Nom. Overall Diameter	Approx. Cable Weight	Max d.c Resistance at 20°C
mm ²	mm	mm	kg/km	ohm/km
1 x 1.5	0.7	3.0	22	12.1
1 x 2.5	0.8	3.6	34	7.41
1 x 4	0.8	4.2	51	4.61
1 x 6	0.8	4.7	71	3.08
1 x 10	1.0	6.1	120	1.83
1 x 16	1.0	7.1	180	1.15
1 x 25	1.2	8.8	283	0.727
1 x 35	1.2	10.1	380	0.524
1 x 50	1.4	11.7	514	0.387
1 x 70	1.4	13.5	724	0.268
1 x 95	1.6	15.8	1000	0.193
1 x 120	1.6	17.4	1239	0.153
1 x 150	1.8	19.4	1524	0.124
1 x 185	2.0	21.6	1910	0.0991
1 x 240	2.2	24.7	2489	0.0754
1 x 300	2.4	27.5	3114	0.0601
1 x 400	2.6	30.9	3965	0.047
1 x 500	2.8	34.4	4979	0.0366
1 x 630	2.8	38.4	6339	0.0283

* Optional

Current Rating refers to IEC Standard 60853, Chapter 5 Installation of cables and accessories Table 5-27 (see page 53)

ขนาดกระแสไฟฟ้าของสายไฟฟ้าอ้างอิงบทที่ 5 ข้อกำหนดการเดินสายและวัสดุ ตารางที่ 5-27 (ดูหน้า 53)