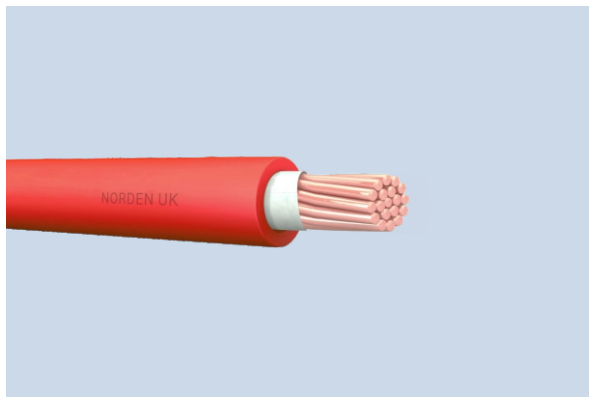


SINGLE CORE -SINGLE INSULATED XL-HFFR FIRE RESISTANT POWER CABLE



Norden single-core single insulated XL-HFFR fire-resistant power cable can be used in cable wiring systems that require improved fire performance and circuit integrity. These cables are mainly used in installations where a fire situation may pose a major hazard (trunking and conduits). The Fire-resistant cable assures reliable circuit integrity to keep emergency evacuation systems operational even whilst the cable is burning.



CABLE CONSTRUCTION

Conductor

Stranded Annealed Copper
(IEC/BS/EN 60228 - Class 2)

Fire Barrier

Mica Tape

Insulation

XL-HFFR

STANDARD COMPLIANCE:

BS EN 50363-5

EC 60332-1-2

IEC 60331-21, EN 50200 PH120, BS 6387 CWZ

IEC 61034-1/2

IEC 60754-1/2

ELECTRICAL & MECHANICAL CHARACTERISTICS

Properties	Value	
	1.5 mm ² - 10 mm ²	16 mm ² - 300 mm ²
Operating Voltage	450/750V	600/1000 V
Test Voltage	2500 V	3500 V
Insulation Resistance	min. 4000 MΩ.km	
Operation Temperature	30°C to + 90°C	
Min. Bending Radius	8 x D	

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PHYSICAL INFORMATION

Nom. Cond. Cross-Sect. mm ²	Insulation Thickness(mm)	Cable Diameter (±5 %)mm	Max. Conductor Resistance[Ω/km]	Copper Weight [kg/km]	Cable Weight [kg/km]
1x1.5 mm ²	0.7	3.90	12.1	13.4	27.2
1x2.5 mm ²	0.8	4.50	7.14	21.5	39.4
1x4 mm ²	0.8	5.00	4.61	34.4	55.1
1x6 mm ²	0.8	5.60	3.08	51.6	75.5
1x10 mm ²	1.0	6.70	1.83	92.8	126.4
1x16 mm ²	1.0	7.60	1.15	140.0	179.8
1x25 mm ²	1.2	9.30	0.727	220.6	281.8
1x35 mm ²	1.2	10.30	0.524	300.0	369.3
1x50 mm ²	1.4	11.80	0.387	407.0	505.5
1x70 mm ²	1.4	13.90	0.268	605.5	706.0
1x95 mm ²	1.6	15.50	0.193	856.2	980.9
1x120 mm ²	1.6	18.10	0.153	1056.3	1204.1
1x150 mm ²	1.8	19.00	0.124	131.8	1486.8
1x185 mm ²	2.0	21.30	0.0991	1572.0	1856.6
1x240 mm ²	2.2	24.40	0.0754	2061.0	2323.8
1x300 mm ²	2.4	26.80	0.0601	2600.0	3212.4

ORDERING INFORMATION

Part Number	Description
6G-1501X	1 Core 1.5 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-2501X	1 Core 2.5 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-4001X	1 Core 4 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-6001X	1 Core 6 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-1001X	1 Core 10 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-1601X	1 Core 16 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-5001X	1 Core 25 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-3501X	1 Core 35 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-5001X	1 Core 50 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-7001X	1 Core 70 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-9501X	1 Core 95 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-0A01X	1 Core 120 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-0B01X	1 Core 150 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-0C01X	1 Core 185 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-0D01X	1 Core 240 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR
6G-0E01X	1 Core 300 Sq.mm Single Core -Single insulated Fire-Resistant Power Cable XL-HFFR

X → RD:Red OR:Orange BL:Blue BK:Black

