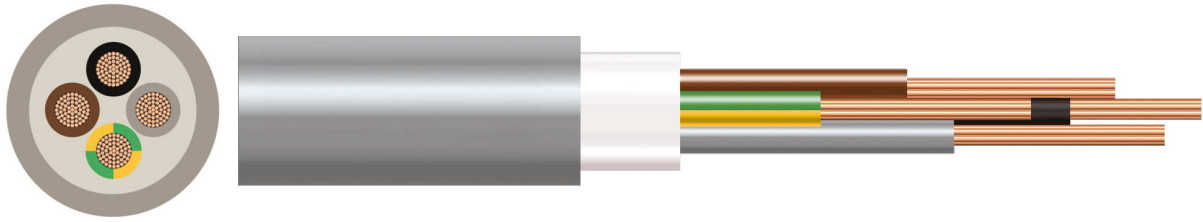


YMZ1K-SS KEMA APPROVED FLEXIBLE LSZH POWER CABLE



Our YMz1K range meets stringent industry standards for the Dutch market, including NEN1010 and KEMA certification. Featuring enhanced flexibility in installation, low smoke zero halogen sheathing and XLPE insulation for temperatures up to +90°C, our cables ensure safety and reliability in fixed installations, conduits, trays, or ducts. Ideal for low-voltage applications in commercial buildings or private homes, our cables offer durability and easy installation in areas not requiring mechanical protection.

CONDUCTOR	Plain Copper
STRANDING	Class 5
INSULATION	XLPE
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Grey
RATED VOLTAGE	0.6/1kV
CORE IDENTIFICATION	1 core - Black 4 core - Brown, Black, Grey, Green/Yellow 5 core - Black, Brown, Blue, Grey, Green/Yellow
MINIMUM BENDING RADIUS	12 x overall diameter
OPERATING TEMPERATURE	Max. operating temp: 90±¼C
STANDARDS	HD-604-5-C KEMA K42C-1-5
APPROVALS	

SPECIFICATION DATA

BATT Part No	No of Cores	Nominal cross sectional area of conductor (mm ²)	Nominal thickness of insulation (mm)	Nominal thickness of oversheath (mm)	Approx overall diameter (mm)	Weight (kg/km)
16739	1	120	1.20	1.5	19.4	1178
16730	4	95	1.10	2.1	42.5	4490
16728	4	150	1.4	2.4	53.3	6988
16713	4	185	1.6	2.6	61.2	8753
16702	5	25	0.90	1.8	28.7	1686
16640	5	35	0.90	1.8	31.2	2216

ELECTRICAL CHARACTERISTICS

Single Core

Nominal cross sectional area (mm ²)	Current carrying capacity In Conduit (Flat Formation)	Current carrying capacity In Conduit (Trefoil Formation)	Current carrying capacity In Air (Flat Formation)	Current carrying capacity In Air (Trefoil Formation)	Max conductor resistance at 20°C (Ω/km)
120	404	341	457	370	0.153

Multi Core

Nominal cross sectional area (mm ²)	Current carrying capacity (In Ground)	Current carrying capacity (In Air)	Max conductor resistance at 20°C (Ω/km)
25	139	126	7.41
35	168	155	4.61
95	294	296	0.193
150	378	395	0.124
185	428	455	0.0991

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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