

RZ1-K LSZH Flexible Cable



Construction

Conductor: Class 5 flexible copper conductor

Insulation: XLPE (Cross-Linked Polyethylene)

Sheath: LSZH (Low Smoke Zero Halogen)

Applications

Engineered for fixed installations in safety-critical environments, this flexible power and control cable is designed to mitigate risks to life and equipment from fire, smoke, and toxic fumes. Its construction features flexible conductors, ensuring effortless installation even through complex and sinuous routing paths.

Standard

IEC 60502-1, EN 60228

Flame Retardant according to IEC/EN 60332-1-2, IEC/EN 60332-3-24

Low Smoke Zero Halogen according to IEC/EN 60754-1/2, IEC/EN 61034-1/2

Specification

Voltage Rating	0.6/1 kV
Test Voltage	3500v
Temperature Range	-15°C to +90°C
Max. temperature during short circuit (≤5S)	250
Min. Bending radius	5 x cable Ø

Technical Data

NO OF Cores	Cross Section (mm ²)	Insulation Thickness	Nominal Diameter (OD)	NOMINAL WEIGHT kg/km
4	35	0.9	26.2	1573
4	50	1	31.2	2178
4	70	1.1	34.8	3055
4	95	1.1	39.7	3985
4	120	1.2	44.6	5086
4	150	1.4	49.8	6294
4	185	1.6	53.9	7534
5	1.5	0.7	120	150
5	2.5	0.7	13.15	204
5	4	0.7	14.5	286
5	6	0.7	16.1	387
5	10	0.7	18.1	598
5	16	0.7	21.3	931
5	25	0.9	25.4	1091
5	35	0.9	28.4	1407
5	50	1	34.4	2654