



APPLICATION

Highly flexible power cables recommended to be used, on board of trains, underground coaches, trams. The cables insulation and sheathing materials are low smoke zero halogen and are suitable for installations where fire, smoke emission and toxic fumes create a potential hazard. The cable is also flame retardant and oil resistant.

CHARACTERISTICS

Voltage Rating U₀/U

1.8/3kV

Temperature Rating

Fixed: -35°C to +90°C

Flexed: -15°C to +90°C

Minimum Bending Radius

Fixed: 4 x overall diameter

Flexed: 5 x overall diameter

CONSTRUCTION

Conductor

Class 5 flexible tinned copper conductor

Insulation

LSZH Rubber (Low Smoke Zero Halogen)

Sheath

LSZH Rubber (Low Smoke Zero Halogen)

Sheath Colour

Black

Note

Also available with voltage rating 3.6/6kV

STANDARDS

VDE 0250 part 606

Flame Retardant according to IEC/EN 60332-1-2

DIMENSIONS

NO. OF CORES	NOMINAL SECTIONAL AREA mm ²	CROSS AREA mm ²	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
1	1.5		5.6	6.5	6.5	50
1	2.5		6	7	7	70
1	4		6.5	7.5	7.5	80
1	6		7.1	8	8	100
1	10		8.3	9	9	160
1	16		9.3	11.5	11.5	220
1	25		11.4	14	14	330

1	35	12.6	15.5	15.5	440
1	50	14.2	17.5	17.5	580
1	70	15.9	19.5	19.5	780
1	95	18.5	22.5	22.5	1100
1	120	20.3	25	25	1300
1	150	22.3	27.5	27.5	1600
1	185	24.2	30.5	30.5	1900
1	240	27.1	33.5	33.5	2500
1	300	30.2	37.5	37.5	3200