



CABLE STRUCTURE

Conductor	Electrolytic tinned, class 5 stranded copper wires (Iec 60228)
Insulation	Halogen-free. heat resistant. cross-linked elastomeric special compound (Requirements based on type EI 109 according to DIN EN 50264)
Color	Black(other colors available on request)

STANDARDS & MAIN CHARACTERISTICS

Standard	EN 50264-3-1
Flame Propagation Single Core	IEC60332-1-2
Flame Propagation Bunched Cable	EN50264-1
Smoke Density	EN 61034-2
Toxicity of gases	EN 50305
Halogen free	EN 267-2-1; EN 60684-2
Corrosivity of gases	EN 50267-2-2
Fire protection on railway vehicles	EN 45545

OPERATING CHARACTERISTICS

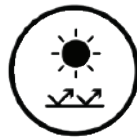
Rated Voltage	0,6/1 kV
Conductor Operating Temperature	Max. 90°C
Conductor Short-Circuit Temperature	Max. 250°C
Working Temperature	-40°C ... +120°C
Bending Radius :	
Fixed:	D<12mm 3xD D>12mm 4xD
Dynamic:	D<12mm 4xD D>12mm 5xD



FLAME RETARDANT



OIL RESISTANT



UV RESISTANT



FLEXIBLE CABLE

Cores x size No. x mm ²	Cable Overall Diameter (Approx.) (mm)	Cable Weight Approx. kg/km
1 x 1,0	2,4 - 2,8	15
1 x 1,5	2,8 - 3,3	23
1 x 2,5	3,2 - 3,8	29
1 x 4,0	3,8 - 4,4	42
1 x 6,0	4,2 - 5,0	61
1 x 10	5,1 - 5,9	100
1 x 16	6,1 - 7,2	151
1 x 25	7,8 - 9,1	244
1 x 35	9,0 - 10,6	335
1 x 70	12,5 - 14,6	660
1 x 95	14,0 - 16,5	855