



APPLICATION

These highly-flexible data cables are suitable for continuous mobile use under extreme conditions. It is applicable in standard drag chains without tensile load.

CHARACTERISTICS

Voltage Rating U₀/U

300/500V

Temperature Rating

Fixed: -40°C to +70°C

Installation: -5°C to +70°C

Minimum Bending Radius

Fixed: 5 x overall diameter

Flexed: 10 x overall diameter

CONSTRUCTION

Conductor

Class 6 Fine Stranded Bare Copper

Insulation

PVC/PP (Polyvinyl Chloride / Polypropylene)

Outer Sheath

PVC (Polyvinyl Chloride)

Core Identification

Black numbered + Green/Yellow

Sheath Colour

Grey

STANDARDS

VDE 0482-332-1-2, EN 60811-2-1

Fire Retardant according to: IEC/EN 60332-1

DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
2	0.5	6	44
2	0.75	6.4	52
2	1	6.7	60
2	1.5	7.6	80
2	2.5	9	117
3	0.5	6.3	48
3	0.75	6.9	61
3	1	7.2	71
3	1.5	8	94

3	2.5	9.7	154
3	4	11.9	238
3	6	13	312
4	0.5	6.9	60
4	0.75	7.4	74
4	1	7.8	88
4	1.5	8.9	118
4	2.5	10.6	173
4	4	13.1	284
4	6	14.4	368
5	0.5	7.5	72
5	0.75	8.3	92
5	1	8.7	109
5	1.5	10	147
5	2.5	11.8	216
5	4	14.5	352
5	6	16	498
7	0.5	9.1	104
7	0.75	10	132
7	1	10.5	156
7	1.5	12	210
7	2.5	14.5	311
12	0.5	10.9	148
12	0.75	12	190
12	1	12.8	233
12	1.5	14.6	314
12	2.5	17.5	468
18	0.5	13.1	221
18	0.75	14.3	284
18	1	15	339
18	1.5	17.4	466
25	0.5	15.8	319
25	0.75	17.3	406
25	1	18.2	489
25	1.5	21	670