



APPLICATION

These highly-flexible data cables are suitable for continuous mobile use under extreme conditions with particular requirements on EMC. It is applicable in standard drag chains without tensile load. The cable is resistant against most chemicals used in industrial environment.

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: 4 x overall diameter

Flexed: 10 x overall diameter

CONSTRUCTION

Conductor

Class 6 Fine Stranded Bare Copper

Insulation

PVC (Polyvinyl Chloride)

Inner Sheath

PVC (Polyvinyl Chloride)

Screen

TCWB (Tinned Copper Wire Braid)

Outer Sheath

PVC (Polyvinyl Chloride)

Core Identification

Black numbered + Green/Yellow

Sheath Colour

Grey

STANDARDS

VDE 0482-332-1-2

Fire Retardant according to: IEC/EN 60332-1

DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER mm	OVERALL	NOMINAL WEIGHT kg/km
2	0.5	7.7		98
2	0.75	8.3		115
2	1	8.6		127
2	1.5	9.8		165
2	2.5	11.2		223

3	0.5	8	107
3	0.75	8.9	132
3	1	9.2	146
3	1.5	10.3	186
3	2.5	11.8	253
3	4	13.8	366
3	6	15.1	465
4	0.5	9	131
4	0.75	9.4	151
4	1	10	173
4	1.5	11.2	221
4	2.5	12.9	311
4	4	15.2	451
4	6	17.1	596
5	0.5	9.8	153
5	0.75	10.3	177
5	1	10.7	199
5	1.5	12	256
5	2.5	14.1	369
5	4	17.2	570
5	6	18.7	710
7	0.5	11.3	201
7	0.75	12	234
7	1	12.8	277
7	1.5	14.3	357
7	2.5	17.4	538
12	0.5	13.2	272
12	0.75	14.3	328
12	1	15.1	380
12	1.5	17.5	528
12	2.5	20.4	746
18	0.5	15.6	379
18	0.75	17.2	483
18	1	17.9	549
18	1.5	20.3	726
25	0.5	18.7	539
25	0.75	20.2	652
25	1	21.1	744
25	1.5	24.3	1009