



APPLICATION

Highly flexible control cable for the constantly moved equipment under extreme conditions indoor and outdoor combined with requirements to EMC. The cable is halogen-free, flame retardant and resistant against most chemicals used in industrial environment.

CHARACTERISTICS

Voltage Rating U₀/U

300/500V

Temperature Rating

Fixed: -50°C to +80°C

Installation: -40°C to +80°C

Minimum Bending Radius

Fixed: 4 x overall diameter

Flexed: 7.5 x overall diameter

CONSTRUCTION

Conductor

Class 6 Fine Stranded Bare Copper

Insulation

TPE/PP (Thermoplastic Elastomer / Polypropylene)

Inner Sheath

PUR (Polyurethane)

Screen

TCWB (Tinned Copper Wire Braid)

Outer Sheath

PUR (Polyurethane)

Core Identification

Black numbered + Green/Yellow

Sheath Colour: Grey

STANDARDS

VDE 0482-332-1-2, EN 60811-404

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	7.1	91
2	0.75	7.5	98
2	1	8	65
2	1.5	9.1	134
2	2.5	10.1	198
3	0.5	7.4	104

3	0.75	7.8	120
3	1	8.5	81
3	1.5	9.7	109
3	2.5	10.6	284
4	0.5	7.8	122
4	0.75	8.3	83
4	1	9	96
4	1.5	10.3	217
4	2.5	11.6	321
4	4	14.4	448
4	6	16.6	612
4	10	20.8	984
4	16	24.6	1318
5	0.5	8.2	131
5	0.75	9	94
5	1	9.6	168
5	1.5	11	148
5	2.5	12.4	293
5	4	15.7	505
5	6	18.2	741
5	10	22.7	1058
5	16	27	1710
7	0.5	9.5	172
7	0.75	10.3	125
7	1	11.2	240
7	1.5	12.7	325
7	2.5	14.7	418
7	4	18.6	678
7	6	21.6	1028
7	10	27.1	1530
7	16	32.4	2087
12	0.5	11	230
12	0.75	12.1	308
12	1	13	358.2
12	1.5	15	416
12	2.5	17.5	589
18	0.5	12.8	321
18	0.75	13.8	420
18	1	15.3	418
18	1.5	17.6	564
18	2.5	20.6	885
25	0.75	17	445
25	1	18.4	641
25	1.5	21	888