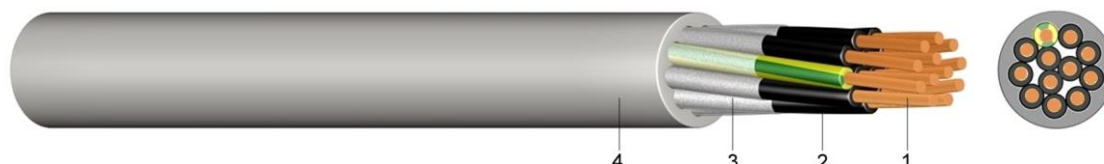


S 210

PUR Cable Chain Cable

Application:

This highly flexible cable chain cable S 200 is best suited for application in industrial branches such as industrial robots, handling gears, automation systems, wood and packaging machines, automobile industry, machine tools and high shelf building.



Construction:

- 1 very fine-stranded bare copper
- 2 core insulation of thermoplastic polyester elastomer (TPE-E), polypropylene (PP)
- 3 fine cotton binding over each layer
- 4 outer sheath of polyurethane (PUR), grey, poor in adhesion, oil and abrasion resistant, halogen-free, UV-resistant

Standards:

in according with DIN VDE 0285-525-1
 DIN EN 60228 class 6 (construction)
 core identification JZ: 1 core green/yellow, other cores black with figures
 core identification OZ: every core black with figures

Technical data:

Nominal voltage U ₀ /U	[M]	300 / 500 Volt
Test voltage	[M]AC	2500
Temperature range	in motion	-30°C till +80°C
	fixed	-40°C till +80°C
Operating temperature	short circuit	150°C
Short circuit time	max.	5
Bending radius	one time / fixed	5,0
	in motion	7,5
Oil-resistant	standard	EN 60811-2-1
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm ²	from stock J	from stock O	Copper figure kg/km	Wire diameter mm	Overall diameter appr. mm	Weight appr. kg / km
2 x 0,5		○	10,0	0,16	5,7	37
3 x 0,5	●		15,0	0,16	6,3	42
4 x 0,5	○		20,0	0,16	7,1	57
5 x 0,5	○		25,0	0,16	7,2	58
7 x 0,5	●		35,0	0,16	8,2	76
12 x 0,5	○		60,0	0,16	9,6	117
25 x 0,5	●		125,0	0,16	14,0	223
36 x 0,5	○		180,0	0,16	20,1	321
2 x 0,75		●	15,0	0,16	6,2	44
3 x 0,75	○		22,5	0,16	6,5	54
4 x 0,75	○		30,0	0,16	7,3	63
5 x 0,75	○		37,5	0,16	7,9	74
7 x 0,75	●		52,5	0,16	9,3	102
12 x 0,75	●		90,0	0,16	10,9	161



Number of cores and nominal cross section mm ²	from stock J	from stock O	Copper figure kg/km	Wire diameter mm	Overall diameter appr. mm	Weight appr. kg / km
18 x 0,75	○		135,0	0,16	12,9	222
25 x 0,75	○		187,5	0,16	18,1	454
36 x 0,75	○		270,0	0,16	20,2	653
3 x 1	●		30,0	0,16	7,2	64
4 x 1	●		40,0	0,16	7,7	73
5 x 1	●		50,0	0,16	8,3	95
7 x 1	●		70,0	0,16	10,1	122
12 x 1	●		120,0	0,16	11,8	201
18 x 1	●		180,0	0,16	14,4	277
25 x 1	●		250,0	0,16	16,0	312
30 x 1	○		300,0	0,16	19,2	374
36 x 1	○		360,0	0,16	23,0	449
2 x 1,5		●	30,0	0,16	7,2	71
3 x 1,5	●		45,0	0,16	7,7	86
4 x 1,5	●		60,0	0,16	8,6	104
5 x 1,5	●		75,0	0,16	9,4	132
7 x 1,5	●		105,0	0,16	11,4	181
12 x 1,5	●		180,0	0,16	13,3	279
18 x 1,5	●		270,0	0,16	15,9	408
25 x 1,5	●		375,0	0,16	19,3	569
34 x 1,5	○		510,0	0,16	26,2	773
3 x 2,5	●		75,0	0,16	9,5	124
4 x 2,5	●		100,0	0,16	10,4	164
5 x 2,5	●		125,0	0,16	11,6	199
7 x 2,5	○		175,0	0,16	14,0	269
12 x 2,5	○		300,0	0,16	16,6	448
4 x 4	○		160,0	0,16	13,6	262
4 x 6	○		240,0	0,21	15,3	359