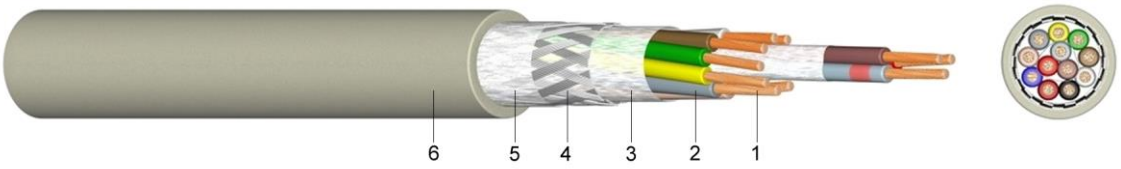
S 368 C PUR Cable Chain Data Cable with Copper Braiding

Application:

This highly flexible cable chain data cable S 368 C is best suited for different industrial areas such as machine construction, the automobile and communications industry as well as for steering, controlling and measuring machinery. It is particularly suited for machinery put to prolonged, flexible use, such as industrial scales. The copper braiding should be fully connected to optimise protection against high-frequency external interference (EMC).



Construction:

1 ..... very fine-stranded bare copper
2 ..... core insulation of thermoplastic polyester elastomer (TPE-E) or polypropylene (PP)
3 ..... wrapping of fine cotton binding
4 ..... screen of tinned copper braiding
5 ..... wrapping of fine cotton binding
6 ..... outer sheath of polyurethane (PUR), grey, poor in adhesion, oil an abrasion resistant, UV-resistant

Info:

Nominal Voltage :
till 0,34mm² 250 Volt
from 0,50mm² 350 Volt

Standards:

in according with DIN VDE 0285-525-1 and 0812
DIN EN 60228 class 6 (construction)
in according with DIN 47100 or factory style (core identification)

Technical data:

Ceiling voltage	[V]	till 0,34mm²	250 Volt
Test voltage		$[V]_{AC}$	1500
Temperature range	in motion		-30°C till +80°C
Bending radius	min.	x diameter	7,5
Oil-resistant	standard		EN 60811-2-1
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm²	from stock	Copper figure kg/km	Wire diameter mm	Overall diameter appr. mm	Weight appr. kg / km
2 x 0,14	○	12	0,10	3,9	30
3 x 0,14	○	15	0,10	4,0	34
4 x 0,14	○	16	0,10	4,3	38
5 x 0,14	○	18	0,10	4,5	44
7 x 0,14	○	27	0,10	5,1	58
12 x 0,14	○	44	0,10	5,9	92
2 x 0,25	○	17	0,10	4,2	35
3 x 0,25	○	20	0,10	4,4	40
4 x 0,25	○	22	0,10	4,6	46

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Number of cores and nominal cross section mm²	from stock	Copper figure kg/km	Wire diameter mm	Overall diameter appr. mm	Weight appr. kg / km
5 x 0,25	○	32	0,10	4,9	61
7 x 0,25	○	39	0,10	5,6	77
12 x 0,25	○	56	0,10	6,6	118
18 x 0,25	○	79	0,10	7,5	157
2 x 0,34	○	21	0,10	4,4	43
3 x 0,34	○	28	0,10	4,6	57
4 x 0,34	○	36	0,10	4,9	78
5 x 0,34	○	40	0,10	5,2	84
7 x 0,34	○	53	0,10	5,9	108
12 x 0,34	○	78	0,10	7,0	162
18 x 0,34	○	101	0,10	8,0	222
24 x 0,34	○	154	0,10	9,4	318
25 x 0,34	●	161	0,10	11,0	321
2 x 0,5	●	35	0,16	5,0	65
3 x 0,5	○	47	0,16	5,2	73
4 x 0,5	○	54	0,16	5,6	91
5 x 0,5	○	63	0,16	6,0	112
12 x 0,5	○	103	0,16	8,2	187
18 x 0,5	○	137	0,16	9,7	262
30 x 0,5	○	243	0,16	15,8	413
7 x 0,75	○	93	0,16	7,9	171

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