

S 368 C

PUR Cable Chain Data Cable with Copper Braiding

adapted to DIN VDE 0812



Construction

Very fine-stranded bare copper conductors, core insulation of TPE-E (thermoplastic polyester elastomer), core marking adapted to DIN 47100, specially adjusted layering with a fine cotton binding over each layer, screen of tinned copper braiding, wrapping of fine cotton binding, outer sheath of polyurethane according to VDE 0250 part 407 with rough surface, grey (RAL 7032), oil and abrasion resistant.

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).

Temperature range

In motion - 40°C till + 70°C

For fixed installation - 50°C till + 70°C

Minimum bending radius

7,5 x overall diameter

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Largest single wire diameter mm	Overall diameter ca. mm	Weight ca. kg / km
S 368 C 350 V					
2 x 0,14	2.911,10	11,0	0,11	3,9	20
3 x 0,14	3.164,90	12,0	0,11	4,0	21
4 x 0,14	3.385,70	15,0	0,11	4,3	25
5 x 0,14	3.797,50	17,0	0,11	4,5	28
7 x 0,14	4.887,90	21,0	0,11	5,1	36
12 x 0,14	6.753,40	32,0	0,11	5,9	48
14 x 0,14	7.226,10	35,0	0,11	6,1	52
18 x 0,14	8.520,80	43,0	0,11	6,7	65
24 x 0,14	10.743,00	55,0	0,11	7,7	81
27 x 0,14	11.801,90	60,0	0,11	7,8	87
32 x 0,14	13.252,90	67,0	0,11	8,3	99
2 x 0,25	3.196,30	15,0	0,11	4,2	24
3 x 0,25	3.418,50	17,0	0,11	4,4	27
4 x 0,25	3.715,60	20,0	0,11	4,6	31
5 x 0,25	4.154,40	24,0	0,11	4,9	37
7 x 0,25	5.545,30	31,0	0,11	5,6	47
12 x 0,25	7.603,60	46,0	0,11	6,6	65
14 x 0,25	8.182,30	53,0	0,11	6,8	73
18 x 0,25	9.554,20	65,0	0,11	7,5	90
24 x 0,25	12.519,20	84,0	0,11	8,8	116
27 x 0,25	13.408,30	92,0	0,11	9,0	125
32 x 0,25	14.986,00	107,0	0,11	9,5	145

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Largest single wire diameter mm	Overall diameter ca. mm	Weight ca. kg / km
S 368 C 350 V					
2 x 0,34	3.316,80	17,0	0,11	4,4	27
3 x 0,34	3.493,80	20,0	0,11	4,6	31
4 x 0,34	3.910,20	25,0	0,11	4,9	36
5 x 0,34	4.355,70	30,0	0,11	5,2	43
7 x 0,34	5.957,30	39,0	0,11	5,9	55
12 x 0,34	8.167,50	59,0	0,11	7,0	77
14 x 0,34	8.799,80	68,0	0,11	7,3	87
18 x 0,34	10.490,70	83,0	0,11	8,0	108
24 x 0,34	13.653,50	108,0	0,11	9,4	139
27 x 0,34	14.574,00	119,0	0,11	9,6	151
32 x 0,34	17.297,30	152,0	0,11	10,4	187
2 x 0,5	3.672,50	21,0	0,11	5,0	35
3 x 0,5	3.760,20	28,0	0,11	5,2	41
4 x 0,5	4.057,70	33,0	0,11	5,6	48
5 x 0,5	4.764,70	40,0	0,11	6,0	57
7 x 0,5	6.078,50	53,0	0,11	6,9	76
12 x 0,5	8.328,30	82,0	0,11	8,2	108
14 x 0,5	9.048,60	94,0	0,11	8,8	125
18 x 0,5	11.123,70	117,0	0,11	9,7	156
24 x 0,5	14.448,20	169,0	0,11	11,8	218
27 x 0,5	15.365,00	184,0	0,11	12,0	237
32 x 0,5	17.202,10	214,0	0,11	12,8	274
2 x 0,75	3.979,70	28,0	0,11	5,6	45
3 x 0,75	4.288,50	37,0	0,11	5,9	54
4 x 0,75	4.897,80	46,0	0,11	6,3	64
5 x 0,75	5.511,30	56,0	0,11	6,8	77
7 x 0,75	7.052,10	74,0	0,11	7,9	103
12 x 0,75	9.930,30	117,0	0,11	10,0	153
14 x 0,75	10.802,20	148,0	0,11	10,7	190
18 x 0,75	12.780,50	184,0	0,11	11,8	236
24 x 0,75	16.642,60	235,0	0,11	14,0	305
27 x 0,75	18.121,10	263,0	0,11	14,2	335
32 x 0,75	22.182,80	301,0	0,11	15,2	384