

PUR Control Cable

Cable Application

Designed for use in heavy duty industrial applications where flexibility and heavy wear and tear are required. The PUR sheath makes this cable ideal for use in machine tool, plant manufacturing and power circuits because of its extreme durability.

Technical Information

Conductor:	Bare, flexible stranded copper
Stranding:	According to VDE 0295 class 5, IEC 60228
Insulation:	Black PVC, number coded, Gly earth
Outer Sheath:	PUR Grey, RAL 7001, microbe and hydrolysis resistant, adhesion free, flame retardant
Voltage:	Working: 300/500V • Test: 2000V
Temperature Range:	Flexing: -5°C to 70°C • Static: -4°C to +70°C
Bending Radius:	12.5 x Ø

Number of cores and mm ² per conductor	Approx. outside diameter in mm ca.	Copper weight kg/km	Approx. weight kg/km	Number of cores and mm ² per conductor	Approx. outside diameter in mm ca.	Copper weight kg/km	Approx. weight kg/km
2 x 0.5	5.9	10	39	7 G 1.0	11.1	67	151
3 G 0.5	6.2	14	46	12 G 1.0	13.2	115	233
4 G 0.5	6.9	19	56	18 G 1.0	15.4	173	328
5 G 0.5	7.4	24	65	25 G 1.0	19.0	240	479
7 G 0.5	9.1	34	92	34 G 1.0	21.8	326	616
12 G 0.5	11.3	58	149	41 G 1.0	23.4	394	727
18 G 0.5	13.2	86	207	2 x 1.5	7.4	29	73
25 G 0.5	15.0	120	274	3 G 1.5	8.3	43	96
34 G 0.5	18.7	163	392	4 G 1.5	9.0	58	118
41 G 0.5	20.0	197	458	5 G 1.5	9.8	72	140
2 X 0.75	6.4	14	48	7 G 1.5	12.2	101	197
3 G 0.75	6.8	22	58	12 G 1.5	14.5	173	309
4 G 0.75	7.4	29	67	18 G 1.5	17.6	259	458
5 G 0.75	8.6	36	88	25 G 1.5	20.7	360	635
7 G 0.75	10.0	50	119	34 G 1.5	24.6	490	851
12 G 0.75	12.4	86	193	41 G 1.5	26.3	590	1003
18 G 0.75	14.4	130	269	3 G 2.5	9.7	72	142
25 G 0.75	17.2	180	378	4 G 2.5	11.0	96	184
34 G 0.75	20.4	245	508	5 G 2.5	12.1	120	220
41 G 0.75	22.0	295	598	7 G 2.5	14.2	168	294
2 x 1.0	6.8	19	57	12 G 2.5	17.8	288	489
3 G 1.0	7.2	29	69	7 G 4.0	20.0	268	532
4 G 1.0	8.2	38	90	7 G 6.0	21.5	403	694
5 G 1.0	9.0	48	107				