



Multicore power cable (dragchain PUR)

Cable Structure :

Conductor: bare copper complying with CEI EN 60228 (class 6).

Outer sheath: PUR according to UL 1581.

Insulation and core identification:

- TPO: for $S = 0.14-0.34\text{mm}^2$, colors according to DIN 47100.
- For $S > / = 0.50\text{mm}^2$, black numbered cores with yellow/green (for 3 or more cores).

Technical Specification :

Rated temperature fixed application: -40°C to 80°C .

Rated temperature flexible application into chain: -30°C to 80°C .

Rated bending radius fixed application: $4 \times \varnothing$.

Rated bending radius flexible application into chain: $5 \times \varnothing$.

Fire behaviour:

- Mud resistant according to IEC 61892-4.
- Halogen gas emission according to 60754.

Application :

Suitable to be installed into travelling chain with very good dynamic performances.

Used for the connection between control units, power equipment and instrumentations of tooling machines, assembly lines, production lines, etc.

Core $\times \text{mm}^2$	Overall Diameter mm	Cu Weight (kg/km)	Cable Weight (kg/km)
2x0.25	4.3	5.0	18
3x0.25	4.5	7.2	23



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Interconnective Power

4x0.25	4.8	9.6	26
5x0.25	5.1	12.0	30
7x0.25	5.8	16.8	38
12x0.25	7.1	28.8	60
18x0.25	8.1	43.2	82
25x0.25	9.8	60.0	112
34x0.25	10.7	81.6	143
36x0.25	10.7	86.4	149
2x0.34	4.5	7.0	21
3x0.34	4.7	10.0	25
4x0.34	5.0	14.0	31
5x0.34	5.4	16.3	36
7x0.34	6.3	23.0	48
12x0.34	7.5	39.2	73
18x0.34	8.6	59.0	100
25x0.34	10.4	81.6	138
34x0.34	11.4	111.0	176
36x0.34	11.4	118.0	185
2x0.5	5.6	9.6	32
3g0.5	5.8	14.4	39
4g0.5	6.2	19.2	46
5g0.5	6.6	24.0	53
7g0.5	7.6	33.6	70
12g0.5	9.0	57.6	105
18g0.5	10.4	86.4	149
25g0.5	12.3	120.0	198
34g0.5	13.8	163.2	263
36g0.5	13.8	172.8	274
2x0.75	6.2	14.4	40
3g0.75	6.5	21.6	50
4g0.75	6.9	28.8	60
5g0.75	7.5	36.0	72
7g0.75	8.6	50.4	95
12g0.75	10.4	86.4	148
18g0.75	11.9	129.6	206
25g0.75	14.4	180.0	284
34g0.75	16.1	244.8	375
36g0.75	16.1	259.2	392
2x1	6.6	19.2	48

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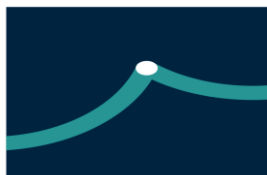
Interconnective Power

3g1	6.9	28.8	60
4g1	7.4	38.4	73
5g1	8.0	48.0	87
7g1	9.2	67.2	115
12g1	11.2	115.2	183
18g1	13.1	172.8	262
25g1	15.6	240.0	354
34g1	17.5	327.0	471
36g1	17.5	346.0	493
2x1.5	7.2	28.8	60
3g1.5	7.5	43.2	78
4g1.5	8.1	57.6	97
5g1.5	8.8	72.0	117
7g1.5	10.4	100.8	160
12g1.5	12.5	172.8	253
18g1.5	14.6	260.0	366
25g1.5	17.6	360.0	502
34g1.5	19.8	490	670
36g1.5	19.8	519	704
2x2.5	8.8	48	90
3g2.5	9.3	72	121
4g2.5	10.3	96	156
5g2.5	11.2	120	188
7g2.5	13.3	168.0	258
12g2.5	16.2	288.0	417
18g2.5	19.0	432.0	604
25g2.5	23.0	600.0	833
34g2.5	25.8	816.0	1109
36g2.5	25.8	864.0	1165
3g4	10.5	115.2	174
4g4	11.5	153.6	223
5g4	12.5	192.0	269
6g4	13.8	230.4	324
7g4	14.9	269.0	372
3g6	12.5	172.8	250
4g6	13.8	230.4	324
5g6	15.1	288.0	395
6g6	16.7	346.0	475

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7g6	18.1	404.0	549
3g10	15.7	288.0	401
4g10	17.4	384.0	522
5g10	19.3	480.0	647
6g10	21.1	576.0	767
7g10	23.1	672.0	894
3g16	18.0	461.0	592
4g16	20.0	615.0	777
5g16	22.0	768.0	955
3g25	22.7	720.0	928
4g25	25.2	960.0	1217
3g35	25.9	1008	1261
5g35	32.2	1680	2071
3g50	30.8	1440	1788
4g50	34.0	1920	2335

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