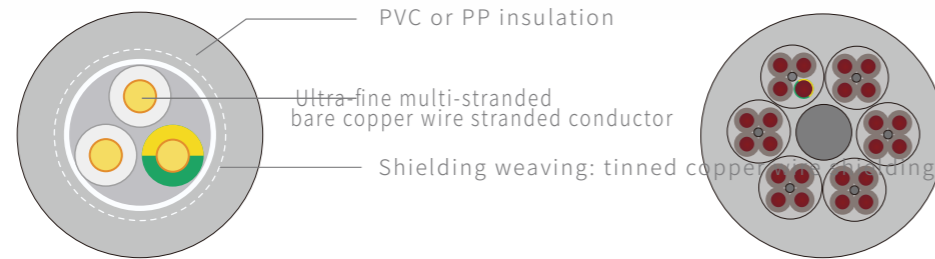


PUR series drag chain cable/Shielded drag chain cable FD-800CP Power line

sketch map



Technical parameter:

Conductor: Ultrafine stranded bare copper wire stranded conductor (six categories).

Insulation: PP or TPE insulation mixture.

Core wire color: color differentiation or black core wire white numerical identification

Core wire stranding: cores less than twelve: cores twisted together at short pitch, cores greater than or equal to twelve: bundled stranding

Shielding layer: Tinned copper wire woven shielding, optical coverage of about 85%.

Outer sheath: PUR polyurethane, adjusted to meet drag chain requirements;

Colors can be matched according to customer requirements

Minimum bending radius: mobile application: 8xd; Fixed installation: 5xd.

Operating temperature range: Mobile installation: -20°C to +80°C;

Fixed installation: -40°C to +80°C.

Rated voltage: The number of cores is less than twelve:300/500V; Core count less than twelve(0.25-0.34): 300/300V;

Number of cores greater than or equal to twelve:300/300V

Test voltage: 4000V.

Product characteristics:

Has excellent wear resistance, bending resistance, and oil resistance;

Flame retardancy in accordance with IEC 60332-1-2, CEI 20-35, VW-1;

Designed for bending cycles up to 10 million or more in power drag chains.

Application scope:

Used for moving in automatic machine drag chains;

Used in mechanical processing, wood/stone processing industry, packaging industry, conveying systems, and regulating equipment drag chains;

Mainly used indoors.

Product standards:

Material code	Number of cores and nominal cross-section of conductorsmm ²	Approximate outer diameter [mm ²]	Cable weight kg/km
FD-800CP-2-0.5	2x0.5	5.8	42
FD-800CP-3-0.5	3x0.5	6.2	56
FD-800CP-4-0.5	4x0.5	6.8	80
FD-800CP-5-0.5	5x0.5	7.3	93
FD-800CP-7-0.5	7x0.5	8.6	133
FD-800CP-12-0.5	12x0.5	10.1	197
FD-800CP-18-0.5	18x0.5	12.4	272
FD-800CP-25-0.5	25x0.5	14.1	347
FD-800CP-30-0.5	30x0.5	15	422
FD-800CP-2-0.75	2x0.75	6.8	53
FD-800CP-3-0.75	3x0.75	7.5	67
FD-800CP-4-0.75	4x0.75	8	403
FD-800CP-5-0.75	5x0.75	8.6	122
FD-800CP-7-0.75	7x0.75	10.0	157
FD-800CP-12-0.75	12x0.75	12.4	237
FD-800CP-18-0.75	18x0.75	14.9	357
FD-800CP-25-0.75	25x0.75	17.4	485
FD-800CP-2-1.0	2x1.0	7.0	87
FD-800CP-3-1.0	3x1.0	7.7	107
FD-800CP-4-1.0	4x1.0	8.5	119
FD-800CP-5-1.0	5x1.0	9.3	143
FD-800CP-7-1.0	7x1.0	11.0	189
FD-800CP-12-1.0	12x1.0	13.5	269
FD-800CP-14-1.0	14x1.0	14.5	303
FD-800CP-16-1.0	16x1.0	15.2	345
FD-800CP-18-1.0	18x1.0	16	385
FD-800CP-25-1.0	25x1.0	18.5	549
FD-800CP-41-1.0	41x1.0	22	857
FD-800CP-50-1.0	50x1.0	24.2	990
FD-800CP-2-1.5	2x1.5	8.4	109
FD-800CP-3-1.5	3x1.5	9	130
FD-800CP-4-1.5	4x1.5	9.9	159
FD-800CP-5-1.5	5x1.5	10.9	189
FD-800CP-7-1.5	7x1.5	12.7	253
FD-800CP-12-1.5	12x1.5	15.8	395
FD-800CP-18-1.5	18x1.5	18.9	550
FD-800CP-25-1.5	25x1.5	22.0	785
FD-800CP-2-2.5	2x2.5	9.8	138
FD-800CP-3-2.5	3x2.5	10.6	189
FD-800CP-4-2.5	4x2.5	11.5	235
FD-800CP-5-2.5	5x2.5	12.8	293
FD-800CP-7-2.5	7x2.5	15.3	379
FD-800CP-12-2.5	12x2.5	20.3	636
FD-800CP-4-4.0	4x4.0	13.3	315
FD-800CP-4-6.0	4x6.0	15.8	463
FD-800CP-4-10.0	4x10.0	19.5	719
FD-800CP-4-16.0	4x16.0	23.2	1049
FD-800CP-4-25.0	4x25.0	29.8	1447
FD-800CP-4-35.0	4x35.0	32.5	2163