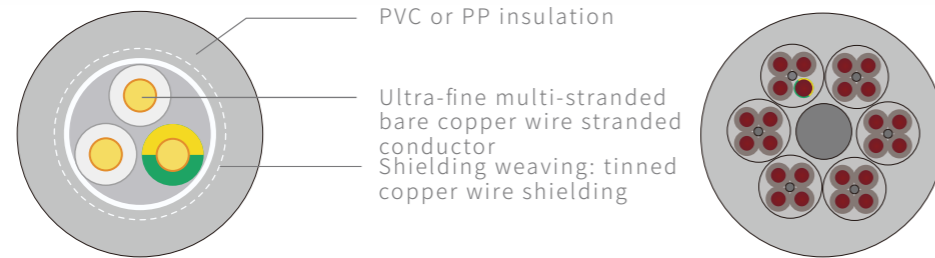


PVC series drag chain cable/shielded drag chain cable

FD-700CY Power line

sketch map



Technical parameter:

Ultra-fine multi-stranded bare copper wire stranded conductor(six categories)
 Insulation: Use special PVC above 0.75mm², and PP insulation mixture below 0.5mm²
 Core wire stranding: Core number<12: Core wires are twisted together at short pitch, and core number≥12: Stranded in bundles
 Shielding layer: Tinned copper wire woven shielding, optical coverage of about 85%
 Outer sheath: Low viscosity and wear-resistant PVC, 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: -5°C to +70°C; Fixed installation: -20°C to +80°C
 Rated voltage: number of cores<12: 300/500V; number of cores<12 (0.25-0.34): 300/300V;
 Number of cores≥12: 300/300V
 Test voltage: 4000V

Product characteristics:

Has excellent wear resistance, bending resistance, and oil resistance;
 Flame retardancy meets IEC60332-1-2, CEI 20-35, VW-1;
 Designed for bending cycles up to 5-10 million times in power drag chains.

Application scope:

Mobile use 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 conductors	Approximate outer diameter [mm ²]	Cable weight kg/km
FD-700Y-2-0.5	2x0.5	5.8	70
FD-700Y-3-0.5	3x0.5	6.2	79
FD-700Y-4-0.5	4x0.5	6.8	93
FD-700Y-5-0.5	5x0.5	7.3	100
FD-700Y-7-0.5	7x0.5	8.6	138
FD-700Y-12-0.5	12x0.5	10.1	195
FD-700Y-18-0.5	18x0.5	12.4	280
FD-700Y-25-0.5	25x0.5	14.1	380
FD-700Y-30-0.5	30x0.5	15.0	425
FD-700Y-2-0.75	2x0.75	6.8	82
FD-700Y-3-0.75	3x0.75	7.5	90
FD-700Y-4-0.75	4x0.75	8.0	106
FD-700Y-5-0.75	5x0.75	8.6	125
FD-700Y-7-0.75	7x0.75	10.0	160
FD-700Y-12-0.75	12x0.75	12.4	240
FD-700Y-18-0.75	18x0.75	14.9	360
FD-700Y-25-0.75	25x0.75	17.4	488
FD-700Y-2-1.0	2x1.0	7.0	90
FD-700Y-3-1.0	3x1.0	7.7	110
FD-700Y-4-1.0	4x1.0	8.5	122
FD-700Y-5-1.0	5x1.0	9.3	146
FD-700Y-7-1.0	7x1.0	11.0	192
FD-700Y-12-1.0	12x1.0	13.5	272
FD-700Y-14-1.0	14x1.0	14.5	306
FD-700Y-16-1.0	16x1.0	15.2	348
FD-700Y-18-1.0	18x1.0	16.0	388
FD-700Y-25-1.0	25x1.0	18.5	552
FD-700Y-41-1.0	41x1.0	22.0	860
FD-700Y-50-1.0	50x1.0	24.2	993
FD-700Y-2-1.5	2x1.5	8.4	112
FD-700Y-3-1.5	3x1.5	9	133
FD-700Y-4-1.5	4x1.5	9.9	162
FD-700Y-5-1.5	5x1.5	10.9	192
FD-700Y-7-1.5	7x1.5	12.7	256
FD-700Y-12-1.5	12x1.5	15.8	398
FD-700Y-18-1.5	18x1.5	18.9	553
FD-700Y-25-1.5	25x1.5	22	788
FD-700Y-2-2.5	2x2.5	9.8	141
FD-700Y-3-2.5	3x2.5	10.6	192
FD-700Y-4-2.5	4x2.5	11.5	238
FD-700Y-5-2.5	5x2.5	12.8	296
FD-700Y-7-2.5	7x2.5	15.3	382
FD-700Y-12-2.5	12x2.5	20.3	639
FD-700Y-4-4.0	4x4.0	13.3	318
FD-700Y-4-6.0	4x6.0	15.8	466
FD-700Y-4-10.0	4x10.0	19.5	723
FD-700Y-4-16.0	4x16.0	23.2	1052
FD-700Y-4-25.0	4x25.0	29.8	1550
FD-700Y-4-35.0	4x35.0	32.5	2166