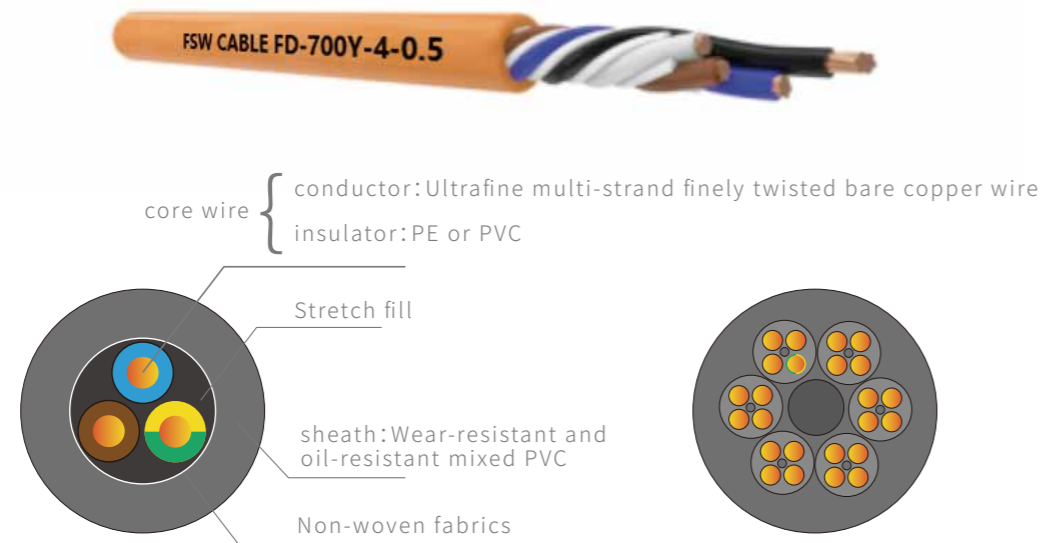


PVC series drag chain cable/Unshielded drag chain cable FD-700Y Power cable

Sketch map



Technical parameter:

- Conductor: Ultra-fine multi-stranded bare copper wire stranded conductor(six categories).
- Insulation: Use special PVC above 0.75mm², and use PP insulation mixture below 0.5mm².
- Core wire color: color differentiation or black core wire white numerical identification.
- Core wire stranding: Core wires are twisted together at short pitches when the number of cores is less than 12, while core wires are twisted in bundles when the number of cores is more than 12.
- 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: 7.5xd; Fixed installation: 4xd.
- 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; Core count < 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 IEC 60332-1-2, 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 mm ²	Approximate outer diameter [mm ²]	Cable weight kg/km
FD-700Y-2-0.5	2x0.5	5.3	40
FD-700Y-3-0.5	3x0.5	5.7	48
FD-700Y-4-0.5	4x0.5	6.3	58
FD-700Y-5-0.5	5x0.5	6.8	67
FD-700Y-7-0.5	7x0.5	8.0	88
FD-700Y-12-0.5	12x0.5	9.5	136
FD-700Y-18-0.5	18x0.5	11.8	185
FD-700Y-25-0.5	25x0.5	13.5	250
FD-700Y-30-0.5	30x0.5	14.3	290
FD-700Y-34-0.5	34x0.5	15.6	340
FD-700Y-50-0.5	50x0.5	18.5	500
FD-700Y-2-0.75	2x0.75	5.7	49
FD-700Y-3-0.75	3x0.75	6.2	60
FD-700Y-4-0.75	4x0.75	6.8	70
FD-700Y-5-0.75	5x0.75	7.4	85
FD-700Y-7-0.75	7x0.75	8.9	110
FD-700Y-12-0.75	12x0.75	10.6	173
FD-700Y-18-0.75	18x0.75	12.7	259
FD-700Y-25-0.75	25x0.75	15.2	363
FD-700Y-2-1.0	2x1.0	6.1	58
FD-700Y-3-1.0	3x1.0	6.6	72
FD-700Y-4-1.0	4x1.0	7.3	88
FD-700Y-5-1.0	5x1.0	8.0	104
FD-700Y-7-1.0	7x1.0	9.6	142
FD-700Y-12-1.0	12x1.0	11.4	221
FD-700Y-14-1.0	14x1.0	12.3	258
FD-700Y-16-1.0	16x1.0	13.0	287
FD-700Y-18-1.0	18x1.0	13.9	324
FD-700Y-25-1.0	25x1.0	16.4	445
FD-700Y-41-1.0	41x1.0	20.6	712
FD-700Y-50-1.0	50x1.0	22.3	854
FD-700Y-2-1.5	2x1.5	7.7	83
FD-700Y-3-1.5	3x1.5	8.2	106
FD-700Y-4-1.5	4x1.5	9.0	131
FD-700Y-5-1.5	5x1.5	9.8	166
FD-700Y-7-1.5	7x1.5	11.0	203
FD-700Y-12-1.5	12x1.5	15.0	327
FD-700Y-18-1.5	18x1.5	18.0	465
FD-700Y-25-1.5	25x1.5	21.0	662
FD-700Y-2-2.5	2x2.5	9.2	113
FD-700Y-3-2.5	3x2.5	10.0	145
FD-700Y-4-2.5	4x2.5	10.8	190
FD-700Y-5-2.5	5x2.5	12.0	228
FD-700Y-7-2.5	7x2.5	14.2	311
FD-700Y-12-2.5	12x2.5	18.5	486
FD-700Y-18-2.5	18x2.5	23.0	743
FD-700Y-25-2.5	25x2.5	25.0.3	971
FD-700Y-3-4.0	3x4.0	11.0	19.08
FD-700Y-4-4.0	4x4.0	12.3	260
FD-700Y-5-4.0	5x4.0	13.8	325
FD-700Y-4-6.0	4x6.0	14.5	373
FD-700Y-5-6.0	5x6.0	16.0	458
FD-700Y-4-10.0	4x10.0	18.2	592
FD-700Y-5-10.0	5x10.0	20.6	762
FD-700Y-4-16.0	4x16.0	21.5	900
FD-700Y-5-16.0	5x16.0	24.5	1119
FD-700Y-4-25.0	4x25.0	28.5	1445
FD-700Y-4-35.0	4x35.0	31.0	1894