

PVC series drag chain cable/shielded drag chain cable DPS-700CY Twisted pair signal line

sketch map



Technical parameter:

Conductor: Ultra-fine multi-stranded bare copper wire stranded conductor (six categories)
 Insulation: HDPE.
 Core wire color: color differentiation.
 Twisted pair: The optimal pitch is twisted in pairs.
 Twisting: Twisting at the optimal short pitch.
 Shielding: Tinned copper wire woven shielding, with optical coverage of about 85%.
 Outer sheath: Specially made 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: -15°C to +70°C
 Rated voltage: 300V
 Test voltage: 2000V

Product characteristics:

Has grease resistance, flexibility, and durability;
 Flame retardancy in accordance with IEC 60332-1-2, CEI 20-35, FT1, VW-1;
 Designed for bending cycles up to 5-10 million times in power drag chains

Application scope:

The pressure resistance level is not suitable for power system applications;
 Flexible cables can be used for occasional non connected mobility;
 Used for measurement and control parts of machinery, intelligent equipment, electronics, and computers;
 Electronic equipment, electronic control equipment, and office machinery that can be used as control and signal cables in computer systems
 Dry or humid indoor environment;
 Not suitable for outdoor use;
 Twisted pair cables are used in circuits that require decoupling;
 High density weaving has strong resistance to electrical interference.

Product standards:

Material code	Number of cores and nominal cross-section of conductors	Approximate outer diameter [mm ²]	Cable weight kg/km
DPS-700Y-2-2-0.14	2x2x0.14	5.9	42
DPS-700Y-3-2-0.14	3x2x0.14	6.2	53
DPS-700Y-4-2-0.14	4x2x0.14	6.7	59
DPS-700Y-5-2-0.14	5x2x0.14	7.3	75
DPS-700Y-6-2-0.14	6x2x0.14	7.5	88
DPS-700Y-8-2-0.14	8x2x0.14	8.8	109
DPS-700Y-10-2-0.14	10x2x0.14	10.1	120
DPS-700Y-2-2-0.25	2x2x0.25	6.5	60
DPS-700Y-3-2-0.25	3x2x0.25	6.8	72
DPS-700Y-4-2-0.25	4x2x0.25	7.4	85
DPS-700Y-6-2-0.25	6x2x0.25	8.9	131
DPS-700Y-8-2-0.25	8x2x0.25	10.4	155
DPS-700Y-10-2-0.25	10x2x0.25	12.0	186
DPS-700Y-14-2-0.25	14x2x0.25	12.2	219
DPS-700Y-2-2-0.34	2x2x0.34	7.1	81
DPS-700Y-3-2-0.34	3x2x0.34	7.5	101
DPS-700Y-4-2-0.34	4x2x0.34	8.4	119
DPS-700Y-6-2-0.34	6x2x0.34	10.1	165
DPS-700Y-8-2-0.34	8x2x0.34	11.8	221
DPS-700Y-10-2-0.34	10x2x0.34	13.8	274
DPS-700Y-2-2-0.5	2x2x0.5	8.3	99
DPS-700Y-3-2-0.5	3x2x0.5	8.8	130
DPS-700Y-4-2-0.5	4x2x0.5	9.8	148
DPS-700Y-5-2-0.5	5x2x0.5	10.7	168
DPS-700Y-6-2-0.5	6x2x0.5	11.8	194
DPS-700Y-8-2-0.5	8x2x0.5	14.0	284
DPS-700Y-10-2-0.5	10x2x0.5	15.9	343
DPS-700Y-14-2-0.5	14x2x0.5	16.2	401
DPS-700Y-2-2-0.75	2x2x0.75	8.9	112
DPS-700Y-3-2-0.75	3x2x0.75	9.7	157
DPS-700Y-4-2-0.75	4x2x0.75	10.6	172
DPS-700Y-6-2-0.75	6x2x0.75	12.8	231
DPS-700Y-8-2-0.75	8x2x0.75	15.2	342
DPS-700Y-10-2-0.75	10x2x0.75	17.3	466
DPS-700Y-14-2-0.75	14x2x0.75	18.2	545
DPS-700Y-2-2-1.0	2x2x1.0	9.7	129
DPS-700Y-3-2-1.0	3x2x1.0	10.4	169
DPS-700Y-4-2-1.0	4x2x1.0	11.6	204
DPS-700Y-5-2-1.0	5x2x1.0	12.7	237