

Drag Chain Encoder Cable



Applications:

Our High-Flex Encoder Drag Chain Cables are engineered for continuous reciprocating motion in automated systems. Designed to withstand millions of bending cycles, these cables ensure reliable signal transmission between encoders and servo drives, even in harsh industrial environments involving oil, abrasion, and electromagnetic interference (EMI).

General Construction:

Conductor: Extra-fine oxygen-free tinned copper (Class 6)

Insulation: High-performance PE/TPE/PP

Inner core Color: Color coding according to IEC60227, Color marking, digital marking can be customized according to customer's specific requirements

Inner liner: PP tape or aluminum foil shield

Braiding: none or tinned copper braid

Sheath: High-strength PUR or Flame-retardant PVC

Working voltage: 300V

Test voltage: 1500V

Minimum bending radius: 10×outer diameter

Working temperature: -40°C-----+90°C

Specification Details:

Type	Specification(mm ²)	Diameter mm	Weight
DR1011.01.02.02	2×2×0.14	5.4	36
DR1011.01.02.03	3×2×0.14	5.8	47
DR1011.01.02.04	4×2×0.14	6.2	51
DR1011.01.02.06	6×2×0.14	7.4	82
DR1011.01.02.07	7×2×0.14	7.8	88
DR1011.01.02.08	8×2×0.14	7.8	96
DR1011.01.02.10	10×2×0.14	8.5	107
DR1011.02.02.02	2×2×0.20	6.0	49
DR1011.02.02.03	3×2×0.20	6.3	61
DR1011.02.02.04	4×2×0.20	7.0	73
DR1011.02.02.05	5×2×0.20	7.4	90
DR1011.02.02.06	6×2×0.20	8.2	114
DR1011.02.02.07	7×2×0.20	8.4	123
DR1011.02.02.08	8×2×0.20	9.0	131
DR1011.02.02.10	10×2×0.20	10.0	162
DR1011.03.02.02	2×2×0.30	6.2	68
DR1011.03.02.03	3×2×0.30	6.5	87
DR1011.03.02.04	4×2×0.30	7.4	103
DR1011.03.02.05	5×2×0.30	8.0	133
DR1011.03.02.07	7×2×0.30	8.8	180
DR1011.03.02.08	8×2×0.30	9.8	207
DR1011.03.02.10	10×2×0.30	11.0	248