ANYCHAIN-HSCYP201
60 million times on bending.

Applications

It is suitable for indoor installation under continuous reciprocating motion, especially for frequent bending in the industrial environment, such as the standard components of modern machinery in drag chains, logistics systems, control systems, mechanical automation systems, etc. CNC machine tools, wood and stone machinery, glass and window machinery, injection molding machines, construction machinery, heavy machinery factories, automobile manufacturing, lifting and transportation equipment, automated warehouses and other occasions.

Approvals

Construction

Conductor	Multiple strands of ultra-fine 0.08 oxygen-free bare copper wire, Class 6.
Insulation:	Rohs PVC mixture material with high mechanical properties
Cores:	Cross-sectional area of less than 0.5 mm2 is colored cores in different color. ≥ 0.5mm black numbered white number, one of the core wires can be grounded in yellow/green (optional)
Cores structure:	Filled gaps for pair and stranded of optimized structures High conductivity tinned copper wire braided shielding, density ≥80%
Jacket material:	Highly mechanical PUR mixture for drag chain cables
Color:	Black or Grey (on request)

Application Advantage

mobile application：	Laying trip: ＜100m Acceleration:80m/S2 Travel speed＜8m/S
Bending life：	50times/minute, ＞60 million times

Technical Data

Rated voltage：	Section size＜0.5mm^2: 300/300V Section size≥0.5mm^2:300/500V
bending radius：	Fixed installation：4xD Mobile installation：6.8×D
Test voltage：	2000V
Working temperature：	Fixed installation：-30℃+90℃ Mobile installation：-15℃+90℃
Standards and Certification：	Comply to CE/UL/TUV.

Type	Cores or Section	External Diameter mm	Weight kg/km
080HSCYP201020014	2×0.14	4.8	25.9
080HSCYP201030014	3×0.14	5.0	31.3
080HSCYP201040014	4×0.14	5.4	38.2
080HSCYP201050014	5×0.14	5.8	44.8
080HSCYP201060014	6×0.14	6.2	51.7
080HSCYP201070014	7×0.14	6.6	58.6
080HSCYP201080014	8×0.14	7.1	66.7
080HSCYP201100014	10×0.14	7.8	80.8

Type	Cores or Section	External Diameter mm	Weight kg/km
080HSCYP201120014	12×0.14	8.7	96.6
080HSCYP201150014	15×0.14	9.8	116.0
080HSCYP201160014	16×0.14	9.8	120.4
080HSCYP201180014	18×0.14	10.6	136.2
080HSCYP201200014	20×0.14	10.7	145.4
080HSCYP201250014	25×0.14	11.7	175.5
080HSCYP201300014	30×0.14	12.8	208
080HSCYP201360014	36×0.14	13.9	246.2