ANYCHAIN-MSCYP201
40 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:	NBR 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 ≥70%
Jacket material:	Highly mechanical TPE mixture for drag chain cables
Color:	Black or Grey (on request)

Application Advantage

mobile application：	Laying trip: ＜100m Acceleration:60m/S2 Travel speed＜6m/S
Bending life：	40times/minute, ＞40 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：7.5×D
Test voltage：	2000V
Working temperature：	Fixed installation：-15℃+80℃ Mobile installation：-5℃+80℃
Standards and Certification：	Comply to CE/UL/TUV.

Type	Cores or Section	External Diameter mm	Weight kg/km
070MSCYP201020014	2×0.14	4.6	32.4
070MSCYP201030014	3×0.14	4.9	38.8
070MSCYP201040014	4×0.14	5.1	44.0
070MSCYP201050014	5×0.14	5.5	52.1
070MSCYP201060014	6×0.14	6.0	59.3
070MSCYP201070014	7×0.14	6.4	68.3
070MSCYP201080014	8×0.14	6.9	79.0
070MSCYP201100014	10×0.14	7.7	97.5

Type	Cores or Section	External Diameter mm	Weight kg/km
070MSCYP201120014	12×0.14	8.7	110.4
070MSCYP201150014	15×0.14	9.5	129.5
070MSCYP201160014	16×0.14	9.5	137.6
070MSCYP201180014	18×0.14	10.3	154.9
070MSCYP201200014	20×0.14	10.4	159.1
070MSCYP201250014	25×0.14	11.4	195.3
070MSCYP201300014	30×0.14	12.5	231.2
070MSCYP201360014	36×0.14	13.8	249.4