

ANYCHAIN-MSCSP301 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



Technical Data

Rated voltage : Section size <math> < 0.5\text{mm}^2 </math>: 300/300V
 bending radius : Section size $\geq 0.5\text{mm}^2$: 300/500V
 Fixed installation : 4xD
 Mobile installation : 7.5xD

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.
 $\geq 0.5\text{mm}$ 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 $\geq 70\%$
 Jacket material: Highly mechanical TPE mixture for drag chain cables
 Color: Black or Grey (on request)

Application Advantage

mobile application : Laying trip: <math> < 100\text{m}</math>
 Acceleration: 60m/S²
 Travel speed <math> < 6\text{m/S}</math>
 Bending life : 40times/minute, > 40 million times

Test voltage : 2000V
 Working temperature : Fixed installation : -15°C+80°C
 Mobile installation : -5°C+80°C
 Standards and Certification : Comply to CE/UL/TUV.

Type	Cores or Section	External Diameter mm	Weight kg/km
070MSCSP301040014	2×2×0.14	6.5	45.4
070MSCSP301060014	3×2×0.14	6.9	55.8
070MSCSP301080014	4×2×0.14	7.5	68.2
070MSCSP301100014	5×2×0.14	8.2	81.2
070MSCSP301120014	6×2×0.14	8.9	94.8
070MSCSP301160014	8×2×0.14	10.9	133.5
070MSCSP301200014	10×2×0.14	11.7	151.7
070MSCSP301240014	12×2×0.14	12.3	173.8

Type	Cores or Section	External Diameter mm	Weight kg/km
070MSCSP301040025	2×2×0.25	7.3	57.0
070MSCSP301060025	3×2×0.25	7.7	72.0
070MSCSP301080025	4×2×0.25	8.4	89.0
070MSCSP301100025	5×2×0.25	9.2	106.0
070MSCSP301120025	6×2×0.25	10.1	125.0
070MSCSP301160025	8×2×0.25	12.2	169.0
070MSCSP301200025	10×2×0.25	13.3	202.0
070MSCSP301240025	12×2×0.25	14.0	232.0