

ANYCHAIN-MSCSP302

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	Section size < 0.5mm ² : 300/300V
voltage :	Section size ≥ 0.5mm ² : 300/500V
bending	Fixed installation : 4xD
radius :	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 mm ² 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	Laying trip: < 100m
application :	Acceleration: 60m/S ² Travel speed < 6m/S
Bending life :	40times/minute, > 40 million times

Type	Cores or Section	External Diameter mm	Weight kg/km
070MSCSP302040025	2×2×0.25	8.3	65.0
070MSCSP302060025	3×2×0.25	8.8	82.1
070MSCSP302080025	4×2×0.25	9.6	101.5
070MSCSP302100025	5×2×0.25	10.5	120.8
070MSCSP302120025	6×2×0.25	11.5	142.5
070MSCSP302040034	2×2×0.34	9.0	75.2
070MSCSP302060034	3×2×0.34	9.6	94.6
070MSCSP302080034	4×2×0.34	10.5	117.4

Type	Cores or Section	External Diameter mm	Weight kg/km
070MSCSP302100034	5×2×0.34	11.4	141.4
070MSCSP302120034	6×2×0.34	12.5	167.6
070MSCSP302040050	2×2×0.5	10.6	103.7
070MSCSP302060050	3×2×0.5	11.3	133.4
070MSCSP302080050	4×2×0.5	12.4	166.4
070MSCSP302100050	5×2×0.5	13.7	201.8
070MSCSP302120050	6×2×0.5	14.9	238.3