

DESCAFLEX motion 300

0,14 mm² - 0,34 mm²

Extra flexible drag chain cables PVC 300 V, coloured cores

Application

In drag chains, at medium to high stress, as movable control- or power cable in mechanical engineering and machine tool construction, in industrial plants, etc..

Operation speed max. 180 m/min, acceleration max. 6 m/s², horizontal chain length max. 15 m.

Construction

Extra flexible bare copper conductors, acc. to IEC 60228, class 6
Insulation PVC, coloured according to DIN 47100
Cores laid up in lays
Non-woven tape
Sheath PVC grey, RAL 7001, adhesion-free

Special Characteristics

The cables are mostly oil resistant according to VDE 0472 - 803 A/B and HD 22.10 S1, furthermore flame retardant according to IEC 60332-1.



Technical Properties

Rated voltage U ₀ /U	300 / 300 V
Test voltage	1500 V
Insulation resistance	20 MOhm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 20°C ... + 70°C
Minimum bending radius	7,5 x cable diameter

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
215088	2 x 0,14	4.00	2.80	14.00
215089	3 x 0,14	4.10	4.20	16.00
215090	4 x 0,14	4.50	5.60	19.00
215091	5 x 0,14	4.60	7.00	22.00
215092	7 x 0,14	5.50	9.80	28.00
215093	10 x 0,14	6.20	14.00	35.00
215094	12 x 0,14	6.30	16.80	39.00
215095	14 x 0,14	6.40	19.60	43.00
215096	18 x 0,14	7.00	25.20	67.00
215098	25 x 0,14	8.50	35.00	90.00
215101	2 x 0,25	4.50	5.00	21.00
215102	3 x 0,25	4.70	7.50	26.00
215103	4 x 0,25	5.10	10.00	30.00
215104	5 x 0,25	5.50	12.50	36.00
215105	7 x 0,25	6.40	17.50	44.00
215106	10 x 0,25	7.80	25.00	61.00
215107	12 x 0,25	7.90	30.00	68.00
215108	14 x 0,25	8.00	35.00	76.00
215109	18 x 0,25	9.00	45.00	103.00
215111	25 x 0,25	10.60	62.50	133.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
215114	2 x 0,34	5.00	6.80	28.00
215115	3 x 0,34	5.20	10.20	34.00
215116	4 x 0,34	5.80	13.60	41.00
215117	5 x 0,34	6.30	17.00	48.00
215118	7 x 0,34	7.00	23.80	60.00
215119	10 x 0,34	8.90	34.00	87.00
215120	12 x 0,34	9.00	40.80	95.00
215121	14 x 0,34	9.10	47.60	107.00
215122	18 x 0,34	10.20	61.20	143.00
215124	25 x 0,34	12.10	85.00	187.00

Packaging

cut to desired length