

DESCAFLEX motion 500

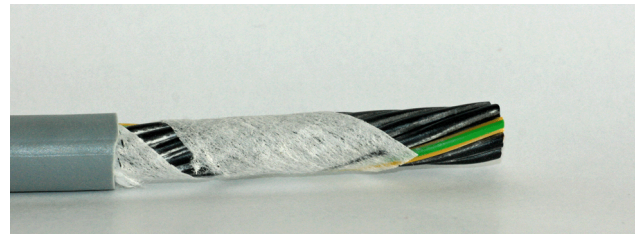
0,50 mm² - 16,00 mm²

Extra flexible drag chain cables PVC 500 V, numbered 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, black with white numbers, 3 cores and above
green-yellow included (in the outer lay)

Cores laid up in lays

Non-woven tape

Sheath PVC grey, RAL 7001, adhesion-free

Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	2000 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

Special Characteristics

The cables are oil resistant according to VDE 0472 - 803 A/B and HD 22.10 S1 and flame retardant according to IEC 60332-1. The PVC outer sheath is especially abrasion resistant and suitable to be used in contact with coolants, lubricants and aggressive chemicals.

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
213450	2 x 0,50	5.60	9.60	42.00
213451	3 x 0,50	6.30	14.40	48.00
213452	4 x 0,50	7.10	19.20	58.00
213453	5 x 0,50	7.40	24.00	69.00
213454	7 x 0,50	7.80	33.60	85.00
213456	12 x 0,50	10.00	57.60	134.00
213458	18 x 0,50	12.30	86.40	190.00
213460	25 x 0,50	14.40	120.00	270.00
213461	34 x 0,50	15.30	163.20	362.00
213462	42 x 0,50	17.40	202.00	435.00
213463	2 x 0,75	6.50	14.40	54.00
213464	3 x 0,75	6.70	21.60	66.00
213465	4 x 0,75	6.80	28.80	78.00
213466	5 x 0,75	8.00	36.00	91.00
213467	7 x 0,75	9.40	50.40	124.00
213469	12 x 0,75	11.60	86.40	191.00
213471	18 x 0,75	13.70	129.60	283.00
213473	25 x 0,75	17.10	180.00	388.00
213474	34 x 0,75	18.70	245.00	440.00
213475	42 x 0,75	19.20	303.00	500.00
213476	2 x 1,00	6.50	19.20	63.00
213477	3 x 1,00	6.80	28.80	75.00
213478	4 x 1,00	7.40	38.40	91.00
213479	5 x 1,00	7.90	48.00	112.00
213480	7 x 1,00	8.80	67.20	139.00
213482	12 x 1,00	12.60	115.20	221.00
213483	16 x 1,00	13.60	153.60	295.00
213484	18 x 1,00	14.00	172.80	328.00
213486	25 x 1,00	17.40	240.00	465.00
213487	34 x 1,00	19.30	327.00	610.00
213488	41 x 1,00	20.90	394.00	730.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
213489	2 x 1,50	6.70	28.80	79.00
213490	3 x 1,50	7.10	43.20	95.00
213491	4 x 1,50	8.00	57.60	118.00
213492	5 x 1,50	8.70	72.00	143.00
213493	7 x 1,50	9.90	100.80	182.00
213495	12 x 1,50	14.00	172.80	305.00
213497	18 x 1,50	16.60	259.20	452.00
213499	25 x 1,50	20.20	360.00	634.00
213500	34 x 1,50	22.00	490.00	835.00
213501	41 x 1,50	24.00	591.00	985.00
213503	3 x 2,50	9.80	72.00	138.00
213504	4 x 2,50	11.00	96.00	174.00
213505	5 x 2,50	11.90	120.00	214.00
213506	7 x 2,50	14.50	168.00	281.00
213508	12 x 2,50	17.60	300.00	468.00
213510	18 x 2,50	20.30	432.00	820.00
213512	25 x 2,50	24.50	600.00	970.00
213516	3 x 4,00	13.00	116.00	220.00
213517	4 x 4,00	14.00	153.60	299.00
213518	5 x 4,00	15.50	192.00	361.00
213519	7 x 4,00	17.50	268.80	488.00
213530	4 x 6,00	17.00	230.40	482.00
213531	5 x 6,00	18.30	288.00	575.00
213532	7 x 6,00	19.80	403.00	790.00
213543	4 x 10,00	20.30	384.00	736.00
213544	5 x 10,00	22.40	480.00	910.00
213545	7 x 10,00	23.90	672.00	1188.00
213556	4 x 16,00	23.50	615.00	920.00
213557	5 x 16,00	25.10	768.00	1370.00
213558	7 x 16,00	27.20	1075.00	1773.00

Packaging

cut to desired length