

DESCAFLEX C-500

0,50 mm² - 25,00 mm²

Cables PVC 500 V, numbered cores, shielded

Application

Used in dry or moist conditions indoors, suitable for fixed installations or for flexible use in conditions of light mechanical stress, as interconnecting cable in mechanical engineering, machine tool and lift construction, in heating and air conditioning systems, refrigerators, office machines and assembly lines and production lines, etc.

Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5
Insulation PVC, black with white numbers, 3 cores and above green-yellow included (in the outer lay)
Cores laid up in lays, foil tape over it
Shielded by a tinned copper braid, coverage ca. 85 %
Sheath PVC grey, RAL 7001



Technical Properties

Rated voltage U₀/U 300 / 500 V
Test voltage 2000 V
Insulation resistance 20 MΩm x km
Temperature range - 5°C ... + 70°C
- static installation - 30°C ... + 70°C
Minimum bending radius 15 x cable diameter

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
203170	2 x 0,50	5.70	29.00	46.00
203171	3 x 0,50	6.10	39.00	53.00
203172	4 x 0,50	6.60	46.00	70.00
203173	5 x 0,50	7.20	52.00	81.00
203175	7 x 0,50	7.80	68.00	98.00
203178	10 x 0,50	10.00	93.00	136.00
203180	12 x 0,50	10.20	117.00	153.00
203184	16 x 0,50	11.50	129.00	177.00
203185	18 x 0,50	12.00	152.00	207.00
203188	21 x 0,50	12.70	189.00	231.00
203192	25 x 0,50	14.30	250.00	292.00
203196	30 x 0,50	14.70	297.00	331.00
203204	40 x 0,50	16.30	345.00	419.00
203210	50 x 0,50	18.90	407.00	513.00
203214	61 x 0,50	20.50	580.00	660.00
203218	2 x 0,75	6.30	38.00	54.00
203219	3 x 0,75	6.80	48.00	70.00
203220	4 x 0,75	7.40	58.00	82.00
203221	5 x 0,75	8.00	72.00	98.00
203223	7 x 0,75	8.60	90.00	118.00
203226	10 x 0,75	10.30	131.00	170.00
203228	12 x 0,75	10.70	138.00	189.00
203232	16 x 0,75	11.40	183.00	241.00
203233	18 x 0,75	12.80	205.00	265.00
203236	21 x 0,75	14.20	233.00	316.00
203240	25 x 0,75	15.40	269.00	360.00
203242	27 x 0,75	15.80	286.00	383.00
203244	30 x 0,75	16.20	315.00	418.00
203247	34 x 0,75	17.40	351.00	441.00
203252	40 x 0,75	18.50	394.00	534.00
203258	50 x 0,75	20.40	480.00	655.00
203262	61 x 0,75	22.80	550.00	771.00
203266	2 x 1,00	6.90	46.00	70.00
203267	3 x 1,00	7.30	57.00	79.00
203268	4 x 1,00	7.90	72.00	98.00
203269	5 x 1,00	8.50	84.00	115.00
203271	7 x 1,00	9.20	110.00	141.00
203274	10 x 1,00	11.50	151.00	202.00
203276	12 x 1,00	12.00	171.00	229.00
203280	16 x 1,00	13.00	220.00	300.00
203281	18 x 1,00	14.00	253.00	341.00
203284	21 x 1,00	14.80	320.00	392.00
203288	25 x 1,00	17.00	354.00	449.00
203292	30 x 1,00	18.20	390.00	525.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
203295	34 x 1,00	19.50	440.00	583.00
203300	40 x 1,00	21.80	508.00	665.00
203306	50 x 1,00	24.00	626.00	809.00
203310	61 x 1,00	27.30	710.00	982.00
203314	2 x 1,50	7.50	59.00	90.00
203315	3 x 1,50	8.00	77.00	103.00
203316	4 x 1,50	8.80	96.00	125.00
203317	5 x 1,50	9.50	114.00	153.00
203319	7 x 1,50	10.70	148.00	192.00
203322	10 x 1,50	13.20	193.00	295.00
203324	12 x 1,50	14.00	241.00	334.00
203328	16 x 1,50	16.00	285.00	418.00
203329	18 x 1,50	17.00	355.00	464.00
203332	21 x 1,50	18.90	417.00	532.00
203336	25 x 1,50	20.70	498.00	623.00
203338	27 x 1,50	21.00	515.00	657.00
203340	30 x 1,50	21.70	554.00	715.00
203343	34 x 1,50	23.60	635.00	788.00
203348	40 x 1,50	25.80	725.00	930.00
203354	50 x 1,50	27.60	885.00	1168.00
203358	61 x 1,50	30.50	1120.00	1386.00
203362	2 x 2,50	9.10	96.00	134.00
203363	3 x 2,50	9.60	118.00	155.00
203364	4 x 2,50	10.90	147.00	195.00
203365	5 x 2,50	11.80	176.00	237.00
203367	7 x 2,50	12.60	253.00	321.00
203372	12 x 2,50	16.80	375.00	528.00
203374	14 x 2,50	18.10	415.00	599.00
203377	18 x 2,50	19.70	520.00	755.00
203411	3 x 4,00	11.80	178.00	244.00
203412	4 x 4,00	15.40	249.00	351.00
203413	5 x 4,00	16.30	270.00	502.00
203415	7 x 4,00	17.40	360.00	553.00
203422	3 x 6,00	12.60	250.00	292.00
203423	4 x 6,00	17.00	310.00	533.00
203424	5 x 6,00	18.80	400.00	600.00
203426	7 x 6,00	19.80	500.00	848.00
203433	3 x 10,00	17.10	370.00	498.00
203434	4 x 10,00	20.30	535.00	901.00
203435	5 x 10,00	22.30	700.00	1048.00
203440	4 x 16,00	24.50	810.00	1080.00
203441	5 x 16,00	26.40	1030.00	1250.00
203446	4 x 25,00	29.00	1280.00	1600.00
203447	5 x 25,00	32.60	1350.00	1860.00

Packaging

cut to desired length