

DESCAFLEX 500

0,50 mm² - 35,00 mm²

Cables PVC 500 V, numbered cores

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
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
- static installation - 5°C ... + 70°C
- 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
202780	2 x 0,50	4.90	9.60	41.00
202781	3 x 0,50	5.20	14.40	48.00
203090	3 x 0,50 *	5.20	14.40	48.00
202782	4 x 0,50	5.70	19.20	58.00
203091	4 x 0,50 *	5.70	19.20	58.00
202783	5 x 0,50	6.50	24.00	69.00
203092	5 x 0,50 *	6.50	24.00	69.00
202784	6 x 0,50	7.00	28.80	77.00
202785	7 x 0,50	7.00	33.60	85.00
202786	8 x 0,50	8.30	38.40	99.00
202788	10 x 0,50	9.20	48.00	122.00
202790	12 x 0,50	9.40	57.60	134.00
202792	14 x 0,50	10.20	67.20	151.00
202794	16 x 0,50	10.50	76.80	168.00
202795	18 x 0,50	11.50	86.40	190.00
202798	21 x 0,50	12.80	100.10	224.00
202801	24 x 0,50	13.10	115.00	259.00
202802	25 x 0,50	13.30	120.00	270.00
202806	30 x 0,50	14.40	144.00	313.00
202809	34 x 0,50	15.50	163.20	363.00
202812	37 x 0,50	15.80	177.60	372.00
202814	40 x 0,50	16.70	192.00	400.00
202820	50 x 0,50	18.60	240.00	512.00
202821	52 x 0,50	18.60	249.60	533.00
202822	56 x 0,50	18.80	268.80	552.00
202824	61 x 0,50	19.10	292.80	589.00
202825	65 x 0,50	19.90	312.00	700.00
202828	2 x 0,75	5.60	14.40	54.00
202829	3 x 0,75	5.80	21.60	66.00
203100	3 x 0,75 *	5.80	21.60	66.00
202830	4 x 0,75	6.40	28.80	78.00
203101	4 x 0,75 *	6.40	28.80	78.00
202831	5 x 0,75	6.90	36.00	91.00
203102	5 x 0,75 *	6.90	36.00	91.00
202832	6 x 0,75	7.60	43.20	109.00
202833	7 x 0,75	7.60	50.40	124.00
202834	8 x 0,75	8.50	57.60	126.00
202835	9 x 0,75	9.10	64.80	161.00
202836	10 x 0,75	9.40	72.00	176.00
202838	12 x 0,75	10.10	86.40	191.00
202840	14 x 0,75	10.80	100.80	208.00
202841	15 x 0,75	11.20	108.00	229.00
202842	16 x 0,75	11.50	115.20	237.00
202843	18 x 0,75	11.90	129.60	283.00
202846	21 x 0,75	13.30	151.20	293.00
202850	25 x 0,75	14.00	180.00	388.00
202857	34 x 0,75	16.20	244.80	461.00
202863	41 x 0,75	17.90	295.20	568.00
202868	50 x 0,75	19.40	360.00	730.00
202872	61 x 0,75	21.20	439.20	890.00
202873	65 x 0,75	22.10	468.00	910.00
202876	2 x 1,00	5.90	19.20	63.00
202877	3 x 1,00	6.20	28.80	75.00

* = without protective conductor

Packaging

cut to desired length

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
203110	3 x 1,00 *	6.20	28.80	75.00
202878	4 x 1,00	6.70	38.40	91.00
203111	4 x 1,00 *	6.70	38.40	91.00
202879	5 x 1,00	7.30	48.00	112.00
203112	5 x 1,00 *	7.30	48.00	112.00
202880	6 x 1,00	8.20	57.60	126.00
202881	7 x 1,00	8.30	67.20	139.00
202882	8 x 1,00	9.70	76.80	159.00
202883	9 x 1,00	10.40	86.00	184.00
202884	10 x 1,00	10.60	96.00	201.00
202886	12 x 1,00	10.80	115.20	221.00
202888	14 x 1,00	11.60	134.40	261.00
202890	16 x 1,00	12.10	153.60	295.00
202891	18 x 1,00	13.00	172.80	328.00
202893	20 x 1,00	13.70	192.00	370.00
202894	21 x 1,00	14.40	201.60	384.00
202898	25 x 1,00	15.00	240.00	465.00
202899	26 x 1,00	15.10	249.60	477.00
202900	27 x 1,00	15.10	259.20	491.00
202905	34 x 1,00	17.50	326.40	613.00
202910	40 x 1,00	19.10	384.00	691.00
202912	42 x 1,00	19.30	403.20	726.00
202916	50 x 1,00	21.00	480.00	875.00
202918	56 x 1,00	22.00	537.60	941.00
202920	61 x 1,00	22.90	585.60	1008.00
202921	65 x 1,00	23.50	624.00	1170.00
202924	2 x 1,50	6.50	28.80	79.00
202925	3 x 1,50	6.90	43.20	95.00
203120	3 x 1,50 *	6.90	43.20	95.00
202926	4 x 1,50	7.40	57.60	118.00
203121	4 x 1,50 *	7.40	57.60	118.00
202927	5 x 1,50	8.40	72.00	143.00
203122	5 x 1,50 *	8.40	72.00	143.00
202928	6 x 1,50	9.10	86.40	164.00
202929	7 x 1,50	9.10	100.80	182.00
202930	8 x 1,50	10.90	115.20	219.00
202931	9 x 1,50	12.00	129.60	239.00
202932	10 x 1,50	11.80	144.00	277.00
202934	12 x 1,50	12.20	172.80	305.00
202936	14 x 1,50	12.90	201.60	361.00
202938	16 x 1,50	13.90	230.40	407.00
202939	18 x 1,50	14.70	259.20	452.00
202942	21 x 1,50	16.40	302.40	508.00
202946	25 x 1,50	16.90	360.00	634.00
202953	34 x 1,50	19.70	489.60	828.00
202960	42 x 1,50	21.50	604.80	983.00
202964	50 x 1,50	23.90	720.00	1175.00
202968	61 x 1,50	26.00	878.40	1391.00
202969	65 x 1,50	26.70	936.00	1600.00
202972	2 x 2,50	7.70	48.00	113.00
202973	3 x 2,50	8.30	72.00	138.00
203130	3 x 2,50 *	8.30	72.00	138.00
202974	4 x 2,50	9.20	96.00	174.00

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Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
202975	5 x 2,50	10.20	120.00	214.00
202977	7 x 2,50	11.30	168.00	281.00
202982	12 x 2,50	14.80	300.00	468.00
202984	14 x 2,50	15.90	336.00	557.00
202987	18 x 2,50	18.20	432.00	692.00
202994	25 x 2,50	21.10	600.00	1098.00
203001	34 x 2,50	24.90	816.00	1471.00
203021	3 x 4,00	10.20	115.20	246.00
203022	4 x 4,00	11.00	153.60	299.00
203023	5 x 4,00	12.30	192.00	361.00
203025	7 x 4,00	13.70	268.80	488.00
203030	12 x 4,00	18.10	460.80	829.00
203032	3 x 6,00	11.90	172.80	327.00
203033	4 x 6,00	13.10	230.40	482.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
203034	5 x 6,00	14.60	288.00	584.00
203036	7 x 6,00	16.10	403.20	783.00
203043	3 x 10,00	14.80	288.00	612.00
203044	4 x 10,00	16.30	384.00	736.00
203045	5 x 10,00	18.20	480.00	913.00
203047	7 x 10,00	20.20	672.00	1188.00
203050	4 x 16,00	20.10	614.40	1080.00
203051	5 x 16,00	21.80	768.00	1365.00
203053	7 x 16,00	24.40	1120.00	1773.00
203056	4 x 25,00	24.10	960.00	1610.00
203057	5 x 25,00	27.20	1200.00	1940.00
203062	4 x 35,00	27.70	1344.00	2070.00
203063	5 x 35,00	31.20	1680.00	2560.00

Packaging

cut to desired length