

# DESCAFLEX 500 OIL

0,50 mm<sup>2</sup> - 2,50 mm<sup>2</sup>

Cables PVC 500 V, <HAR> H05VV5-F, oil resistant

## Application

Oil resistant PVC insulated control cable 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, oil resistant

## Standards / Approvals

HAR H05VV5-F  
EN 50525-2-51



## Technical Properties

Rated voltage U <sub>0</sub> /U	300 / 500 V
Test voltage	2000 V
Insulation resistance	20 MΩm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 40°C ... + 70°C
Minimum bending radius	15 x cable diameter

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
223120	2 x 0,50	6.00	9.60	47.00
223121	3 x 0,50	6.30	14.40	53.00
223122	4 x 0,50	6.90	19.20	63.00
223123	5 x 0,50	7.50	24.00	76.00
223125	7 x 0,50	9.20	33.60	115.00
223126	8 x 0,50	11.00	39.00	133.00
223130	12 x 0,50	11.30	57.60	169.00
223135	18 x 0,50	13.40	86.20	247.00
223138	21 x 0,50	14.80	100.40	298.00
223142	25 x 0,50	16.20	120.00	347.00
223146	30 x 0,50	17.20	143.00	421.00
223149	34 x 0,50	18.90	163.00	477.00
223155	41 x 0,50	19.50	196.50	554.00
223160	50 x 0,50	22.20	240.00	649.00
223161	52 x 0,50	22.20	249.50	677.00
223163	60 x 0,50	23.50	287.50	752.00
223168	2 x 0,75	6.20	14.30	56.00
223169	3 x 0,75	6.90	21.70	62.00
223170	4 x 0,75	7.40	28.90	75.00
223171	5 x 0,75	8.50	35.50	98.00
223173	7 x 0,75	10.00	50.20	140.00
223175	9 x 0,75	12.20	64.70	160.00
223178	12 x 0,75	12.00	86.20	208.00
223181	15 x 0,75	14.20	108.50	256.00
223183	18 x 0,75	14.80	129.60	306.00
223190	25 x 0,75	17.80	180.00	431.00
223197	34 x 0,75	20.50	245.00	560.00
223203	41 x 0,75	22.00	295.00	685.00
223209	52 x 0,75	25.10	374.00	840.00
223212	61 x 0,75	25.60	439.00	996.00
223215	2 x 1,00	6.60	19.20	63.00
223216	3 x 1,00	7.20	28.90	73.00
223217	4 x 1,00	7.80	38.40	90.00
223218	5 x 1,00	8.90	48.00	117.00
223221	7 x 1,00	10.50	67.10	166.00
223223	9 x 1,00	12.50	86.20	222.00
223226	12 x 1,00	13.00	115.00	252.00
223228	14 x 1,00	14.10	135.00	298.00
223231	18 x 1,00	15.70	172.90	375.00
223238	25 x 1,00	19.00	240.50	525.00
223245	34 x 1,00	21.60	326.20	698.00
223251	41 x 1,00	23.10	393.80	831.00
223257	52 x 1,00	26.30	499.30	1009.00
223259	60 x 1,00	27.70	577.00	1166.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
223264	2 x 1,50	7.80	28.90	85.00
223265	3 x 1,50	8.10	43.10	97.00
223266	4 x 1,50	9.10	57.80	126.00
223267	5 x 1,50	10.10	72.00	158.00
223269	7 x 1,50	12.20	100.90	228.00
223271	9 x 1,50	14.00	129.50	249.00
223274	12 x 1,50	14.50	172.90	331.00
223276	14 x 1,50	15.50	201.70	395.00
223279	18 x 1,50	17.80	259.10	506.00
223286	25 x 1,50	21.70	360.10	717.00
223293	34 x 1,50	24.40	490.00	937.00
223299	41 x 1,50	26.50	591.00	1115.00
223304	50 x 1,50	28.90	720.00	1340.00
223305	52 x 1,50	29.10	748.00	1352.00
223307	60 x 1,50	30.60	865.00	1559.00
223313	3 x 2,50	9.80	72.00	152.00
223314	4 x 2,50	11.10	96.00	197.00
223315	5 x 2,50	12.20	120.00	239.00
223317	7 x 2,50	14.30	168.00	345.00
223322	12 x 2,50	17.60	287.00	526.00
223324	14 x 2,50	19.00	337.00	606.00
223327	18 x 2,50	21.40	433.00	791.00
223334	25 x 2,50	25.80	601.00	1098.00
223341	34 x 2,50	29.70	817.00	1457.00

## Packaging

cut to desired length