

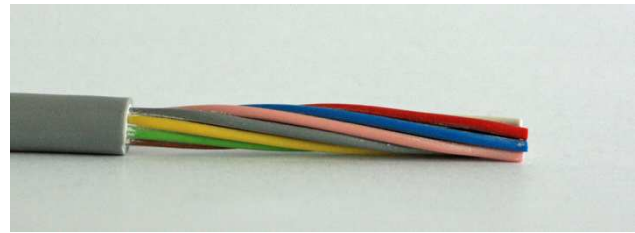
# DESCAFLEX 300 UL

0,14 mm<sup>2</sup> - 1,50 mm<sup>2</sup>

Cables PVC 300 V, Cores according to DIN 47100, UL 2571 / UL 2464

## Application

Connecting cable in the electronics, control and control technology, as a pulse and data transmission cable and as a connection cable for telephone and intercom systems, etc.



## Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5  
except 0,14 mm<sup>2</sup> 18 x 0,10 mm  
0,34 mm<sup>2</sup> 7 x 0,25 mm

Insulation PVC, coloured cores according to DIN 47100

Cores laid up in lays

Sheath PVC grey, RAL 7001

## Standards / Approvals

< 0,25 mm<sup>2</sup>: UL AWM Style 2571 80°C 30 V

≥ 0,25 mm<sup>2</sup>: UL AWM Style 2464 80°C 300 V

## Technical Properties

Rated voltage U <sub>0</sub> /U	
< 0,25 mm <sup>2</sup>	300 V (UL 30V)
≥ 0,25 mm <sup>2</sup>	300 V
Test voltage	
≤ 0,34 mm <sup>2</sup>	1200 V
≥ 0,50 mm <sup>2</sup>	2000 V
Insulation resistance	20 MΩm x km
Operating temperature	- 5°C ... + 70°C
- static installation	- 30°C ... + 80°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
216830	2 x 0,14	3.60	2.70	14.00
216831	3 x 0,14	3.80	4.00	16.00
216832	4 x 0,14	4.10	5.40	19.00
216833	5 x 0,14	4.40	6.70	22.00
216834	6 x 0,14	4.70	8.10	27.00
216835	7 x 0,14	4.70	9.40	28.00
216836	8 x 0,14	4.90	10.70	32.00
216838	10 x 0,14	5.70	13.50	35.00
216840	12 x 0,14	5.80	16.10	38.00
216842	14 x 0,14	6.00	18.80	43.00
216844	16 x 0,14	6.40	21.50	57.00
216845	18 x 0,14	6.70	24.20	67.00
216848	21 x 0,14	7.10	28.20	80.00
216852	25 x 0,14	8.00	33.60	94.00
216854	27 x 0,14	8.30	36.30	98.00
216856	30 x 0,14	8.40	40.30	106.00
216861	36 x 0,14	9.40	48.40	127.00
216866	42 x 0,14	10.50	56.40	134.00
216867	44 x 0,14	10.80	59.20	146.00
216871	52 x 0,14	10.80	69.90	165.00
216879	2 x 0,25	4.30	4.80	21.00
216880	3 x 0,25	4.50	7.20	26.00
216881	4 x 0,25	4.80	9.60	30.00
216882	5 x 0,25	5.10	12.00	36.00
216883	6 x 0,25	5.50	14.40	43.00
216884	7 x 0,25	5.50	16.80	44.00
216885	8 x 0,25	6.10	19.20	50.00
216887	10 x 0,25	7.00	24.00	61.00
216889	12 x 0,25	7.20	28.80	68.00
216893	16 x 0,25	8.00	38.40	85.00
216897	21 x 0,25	8.70	50.40	113.00
216901	25 x 0,25	9.90	60.00	133.00
216903	27 x 0,25	10.10	64.80	140.00
216911	37 x 0,25	11.00	88.80	180.00
216913	40 x 0,25	11.80	96.00	193.00
216928	2 x 0,34	4.60	6.50	28.00
216929	3 x 0,34	4.80	9.80	34.00
216930	4 x 0,34	5.30	13.10	41.00
216931	5 x 0,34	5.80	16.30	48.00
216932	6 x 0,34	6.20	19.60	57.00
216933	7 x 0,34	6.30	22.80	60.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
216934	8 x 0,34	6.70	26.10	68.00
216936	10 x 0,34	7.70	32.60	87.00
216938	12 x 0,34	8.00	39.20	95.00
216940	14 x 0,34	8.50	45.70	107.00
216942	16 x 0,34	8.90	52.20	119.00
216946	21 x 0,34	10.20	68.50	158.00
216950	25 x 0,34	11.50	81.60	187.00
216952	27 x 0,34	11.50	88.10	196.00
216955	32 x 0,34	12.40	104.50	223.00
216959	36 x 0,34	12.60	117.50	267.00
216962	40 x 0,34	13.40	130.60	273.00
216965	44 x 0,34	14.50	143.60	300.00
216969	52 x 0,34	15.30	169.70	344.00
216972	61 x 0,34	16.80	199.10	400.00
216977	2 x 0,50	5.20	9.60	36.00
216978	3 x 0,50	5.50	14.40	42.00
216979	4 x 0,50	5.90	19.20	51.00
216980	5 x 0,50	6.30	24.00	61.00
216981	6 x 0,50	6.90	28.80	74.00
216982	7 x 0,50	6.90	33.60	77.00
216983	8 x 0,50	7.60	38.40	88.00
216985	10 x 0,50	8.80	48.00	115.00
216987	12 x 0,50	9.00	57.60	130.00
216991	16 x 0,50	10.40	76.80	172.00
216995	21 x 0,50	11.50	100.80	214.00
216999	25 x 0,50	12.80	120.00	258.00
217003	30 x 0,50	13.50	144.00	288.00
217026	2 x 0,75	5.50	14.40	44.00
217027	3 x 0,75	6.00	21.60	53.00
217028	4 x 0,75	6.30	28.80	65.00
217029	5 x 0,75	7.00	36.00	79.00
217030	6 x 0,75	7.70	43.20	102.00
217031	7 x 0,75	7.90	50.40	107.00
217032	8 x 0,75	8.60	57.60	122.00
217034	10 x 0,75	10.00	72.00	152.00
217075	2 x 1,00	5.80	19.20	51.00
217076	3 x 1,00	6.10	28.80	64.00
217077	4 x 1,00	6.70	38.40	78.00
217078	5 x 1,00	7.20	48.00	93.00
217124	2 x 1,50	6.80	28.80	72.00
217125	3 x 1,50	7.50	43.20	89.00

## Packaging

cut to desired length