

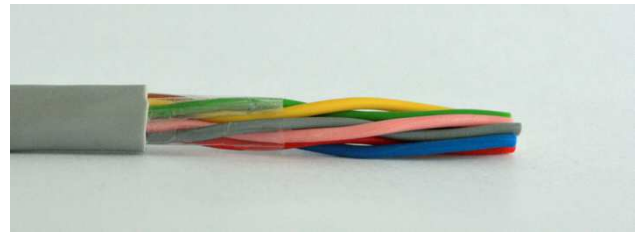
# DESCAFLEX 300 UL Twist

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

Cables PVC 300 V, Cores according to DIN 47100, Twisted Pair, UL 2560 / 2464

## Application

Connecting cable in the electronics (as sample for computers, printers, etc.), 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 twisted into pairs, pairs laid up in lays  
Sheath PVC grey, RAL 7001

## Standards / Approvals

< 0,25 mm<sup>2</sup>: UL AWM Style 2560 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 MOhm x km
Operating temperature	- 5°C ... + 70°C
- static installation	- 30°C ... + 80°C
< 0,25 mm <sup>2</sup>	+ 60°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
217551	2 x 2 x 0,14	5.00	5.40	24.00
217552	3 x 2 x 0,14	5.40	8.10	29.00
217553	4 x 2 x 0,14	5.90	10.70	40.00
217554	5 x 2 x 0,14	6.10	13.50	49.00
217555	6 x 2 x 0,14	6.60	16.10	57.00
217560	14 x 2 x 0,14	9.00	37.60	108.00
217562	16 x 2 x 0,14	9.30	43.00	122.00
217563	18 x 2 x 0,14	9.50	48.40	135.00
217564	20 x 2 x 0,14	10.30	53.80	149.00
217571	30 x 2 x 0,14	12.60	80.60	216.00
217583	2 x 2 x 0,25	5.90	9.60	37.00
217584	3 x 2 x 0,25	6.50	14.40	45.00
217585	4 x 2 x 0,25	7.00	19.20	61.00
217589	8 x 2 x 0,25	9.00	38.40	100.00
217590	10 x 2 x 0,25	10.00	48.00	115.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
217615	2 x 2 x 0,34	6.30	13.10	54.00
217616	3 x 2 x 0,34	7.20	19.60	67.00
217617	4 x 2 x 0,34	8.20	26.10	81.00
217647	2 x 2 x 0,50	7.50	19.20	60.00
217649	4 x 2 x 0,50	8.60	38.40	91.00
217653	8 x 2 x 0,50	11.80	76.80	170.00
217655	12 x 2 x 0,50	13.90	115.20	245.00
217658	16 x 2 x 0,50	15.50	153.60	310.00
217679	2 x 2 x 0,75	8.00	28.80	78.00
217680	3 x 2 x 0,75	9.00	43.20	100.00
217681	4 x 2 x 0,75	10.10	57.60	120.00
217686	10 x 2 x 0,75	14.20	144.00	281.00

## Packaging

cut to desired length