

# DESCAPUR motion C-310

0,14 mm<sup>2</sup> - 0,34 mm<sup>2</sup>

Extra flexible drag chain cables PUR 300 V, coloured cores, shielded

## Application

In drag chains, at medium to high stress, as movable control- or power cable in mechanical engineering and machine tool construction, in industrial plants, etc..

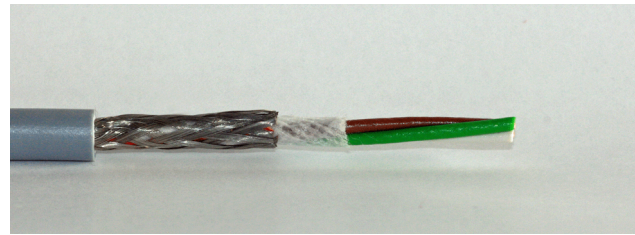
Operation speed max. 180 m/min, acceleration max. 6 m/s<sup>2</sup>, horizontal chain length max. 15 m.

## Construction

Extra flexible bare copper conductors, acc. to IEC 60228, class 6  
Insulation PVC, coloured according to DIN 47100  
Cores laid up in lays  
Non-woven tape  
Shielded by a tinned copper braid, coverage ca. 85 %  
Non-woven tape  
Sheath PUR grey, RAL 7001, adhesion-free

## Special Characteristics

The cables are oil resistant according to VDE 0472 - 803 A/B and HD 22.10 S1, furthermore flame retardant according to IEC 60332-1. The PUR outer sheath is suitable well to be used in contact with coolants, lubricants and aggressive chemicals and meets highest requirements to the abrasion resistance, to the tear and compressive resistance.



## Technical Properties

Rated voltage U <sub>0</sub> /U	300 / 300 V
Test voltage	1500 V
Insulation resistance	20 MΩm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 20°C ... + 70°C
Minimum bending radius	7,5 x cable diameter

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
215283	2 x 0,14	3.90	11.50	29.00
215284	3 x 0,14	4.10	14.00	34.00
215285	4 x 0,14	4.30	14.90	38.00
215286	5 x 0,14	4.70	17.80	45.00
215287	7 x 0,14	5.20	27.10	56.00
215288	10 x 0,14	6.60	39.80	80.00
215289	12 x 0,14	6.80	42.90	87.00
215290	14 x 0,14	7.10	45.80	100.00
215291	18 x 0,14	8.20	53.70	125.00
215293	25 x 0,14	9.30	69.00	162.00
215296	2 x 0,25	4.30	15.20	25.00
215297	3 x 0,25	4.50	18.80	29.00
215298	4 x 0,25	5.00	21.40	38.00
215299	5 x 0,25	5.40	31.00	44.00
215300	7 x 0,25	5.80	39.80	53.00
215301	10 x 0,25	7.60	53.40	80.00
215302	12 x 0,25	7.80	59.00	87.00
215303	14 x 0,25	8.10	64.50	97.00
215304	18 x 0,25	9.20	79.00	127.00
215306	25 x 0,25	10.80	102.00	161.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
215309	2 x 0,34	5.10	18.50	35.00
215310	3 x 0,34	5.40	27.20	42.00
215311	4 x 0,34	5.80	32.30	51.00
215312	5 x 0,34	6.60	39.20	66.00
215313	7 x 0,34	7.20	51.40	79.00
215314	10 x 0,34	8.90	68.00	109.00
215315	12 x 0,34	9.20	77.00	119.00
215316	14 x 0,34	9.70	86.50	130.00
215317	18 x 0,34	11.00	99.50	170.00
215319	25 x 0,34	12.30	153.00	222.00

## Packaging

cut to desired length