

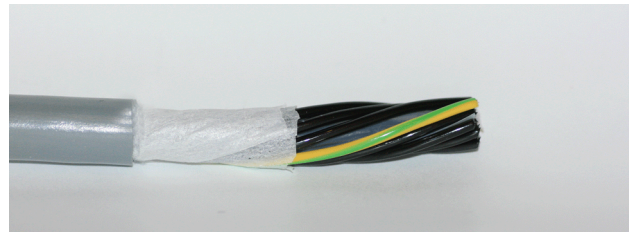
DESCAPUR motion 610 UL

0,50 mm² - 16,00 mm²

Extra flexible drag chain cables PUR 600 V, numbered cores, UL 20234 CSA approved

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..



Construction

Extra flexible bare copper conductors, acc. to IEC 60228, class 6
Insulation PVC
black with white numbers, 3 cores and above green-yellow included
(in the outer lay)
Cores laid up in lays
Non-woven tape
Sheath PUR grey, RAL 7001, adhesion-free

Technical Properties

Rated voltage U ₀ /U	
- IEC	300 / 500 V
- UL/CSA	600 V
Test voltage	2000 V
Insulation resistance	20 MOhm x km
Temperature range	- 3°C ... + 80°C
- static installation	- 40°C ... + 80°C
Minimum bending radius	6 x cable diameter

Special Characteristics

The cables are oil resistant according UL 20234, 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.

Standards / Approvals

UL AWM Style 20234 80°C 600 V
CSA AWM I/II A/B 80°C 600V FT1

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
214387	3 x 0,50	7.00	14.40	48.00
214388	4 x 0,50	8.00	19.20	58.00
214389	5 x 0,50	8.40	24.00	69.00
214390	7 x 0,50	9.50	33.60	85.00
214392	12 x 0,50	11.50	57.60	134.00
214394	18 x 0,50	13.50	86.40	190.00
214396	25 x 0,50	16.20	120.00	270.00
214400	3 x 0,75	7.00	21.60	66.00
214401	4 x 0,75	7.40	28.80	78.00
214402	5 x 0,75	8.00	36.00	91.00
214403	7 x 0,75	10.00	50.40	124.00
214405	12 x 0,75	12.80	86.40	191.00
214407	18 x 0,75	14.00	129.60	283.00
214409	25 x 0,75	17.10	180.00	388.00
214413	3 x 1,00	7.20	28.80	75.00
214414	4 x 1,00	7.40	38.40	91.00
214415	5 x 1,00	8.00	48.00	112.00
214416	7 x 1,00	10.00	67.20	139.00
214418	12 x 1,00	12.60	115.20	221.00
214419	16 x 1,00	14.50	153.60	300.00
214420	18 x 1,00	14.60	172.80	328.00
214422	25 x 1,00	17.80	240.00	465.00
214423	34 x 1,00	20.60	326.00	613.00
214424	41 x 1,00	24.80	394.00	726.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
214426	3 x 1,50	8.40	43.20	95.00
214427	4 x 1,50	9.20	57.60	118.00
214428	5 x 1,50	10.00	72.00	143.00
214429	7 x 1,50	12.00	100.80	182.00
214431	12 x 1,50	14.00	172.80	305.00
214433	18 x 1,50	17.1	259.20	452.00
214435	25 x 1,50	21.00	360.00	634.00
214436	34 x 1,50	22.50	489.60	828.00
214438	50 x 1,50	28.10	720.00	1175.00
214439	3 x 2,50	10.20	72.00	138.00
214440	4 x 2,50	11.00	96.00	174.00
214441	5 x 2,50	11.90	120.00	214.00
214442	7 x 2,50	14.50	168.00	281.00
214444	12 x 2,50	18.00	300.00	468.00
214453	4 x 4,00	13.60	153.60	299.00
214454	5 x 4,00	15.00	192.00	361.00
214455	7 x 4,00	18.30	268.80	488.00
214466	4 x 6,00	15.20	230.40	482.00
214479	4 x 10,00	18.30	384.00	736.00
214492	4 x 16,00	22.30	615.00	860.00

Packaging

cut to desired length