

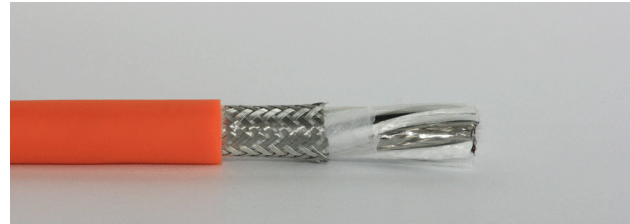
# DESCAFLEX C-606 UL Servo

1,00 mm<sup>2</sup> - 50,00 mm<sup>2</sup>

Servo cables PVC 0,6/1 kV, shielded, DESINA, UL 2570 CSA

## Application

Supply cable for connections of motors, especially of servo - drives and frequency inverters, for flexible use in conditions of light mechanical stress in mechanical engineering and machine tool construction, etc..



## Construction

Flexible bare copper conductors according to IEC 60228, class 5  
Insulation Polyolefin (or PVC)  
Power cores black with white numbers 1- 3 respectively U/L1/C/L+, V/L2, W/L3/D/L- and ground conductor green-yellow included always  
Control pair, cores black with white numbers (5, 6), Foil tape over it, Shielded by a tinned copper braid, coverage ca. 85 %  
Cores and pairs laid up in lay, foil tape over it  
Shielded by a tinned copper braid, coverage ca. 85 %  
Sheath PVC *DESINA* orange, RAL 2003

## Special Characteristics

The cables are oil resistant according to VDE 0472 - 803 A/B and HD 22.10 S1 and UL 1581. They are flame retardant according to IEC 60332-1, UL VW-1 and CSA FT1 as well. The PVC outer sheath is especially abrasion resistant and suitable to be used in contact with coolants, lubricants and aggressive chemicals.

## Technical Properties

Rated voltage U <sub>0</sub> /U	600 / 1000 V
Test voltage	4000 V
Insulation resistance	20 MOhm x km
Operating temperature	- 5°C ... + 80°C
- static installation	- 30°C ... + 80°C
Minimum bending radius	6 x cable diameter

## Standards / Approvals

UL AWM Style 2570 80°C 1000 V  
CSA AWM I/II A/B 80°C 1000V FT1  
or  
UL AWM Style 20886 80°C 600 V  
CSA AWM I/II A/B 80°C 600 V FT1

*DESINA*

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
215611	DESCAFLEX C-606 Servo (4 G 1,00 + (2 x 0,50))	10.50	91.00	144.00
215612	DESCAFLEX C-606 Servo (4 G 1,50 + (2 x 1,00))	11.60	137.00	221.00
215613	DESCAFLEX C-606 Servo (4 G 1,50 + (2 x 1,50))	11.90	176.00	228.00
215615	DESCAFLEX C-606 Servo (4 G 2,50 + (2 x 1,50))	12.40	208.00	268.00
215617	DESCAFLEX C-606 Servo (4 G 4,00 + (2 x 1,50))	13.80	275.00	320.00
215618	DESCAFLEX C-606 Servo (4 G 6,00 + (2 x 1,50))	15.90	345.00	463.00
215619	DESCAFLEX C-606 Servo (4 G 10,00 + (2 x 1,50))	19.00	550.00	720.00
215620	DESCAFLEX C-606 Servo (4 G 16,00 + (2 x 1,50))	23.00	803.00	965.00
215621	DESCAFLEX C-606 Servo (4 G 25,00 + (2 x 1,50))	28.00	1220.00	1560.00
215622	DESCAFLEX C-606 Servo (4 G 35,00 + (2 x 1,50))	31.80	1620.00	1990.00
215623	DESCAFLEX C-606 Servo (4 G 50,00 + (2 x 1,50))	35.50	2250.00	2880.00

## Packaging

cut to desired length