

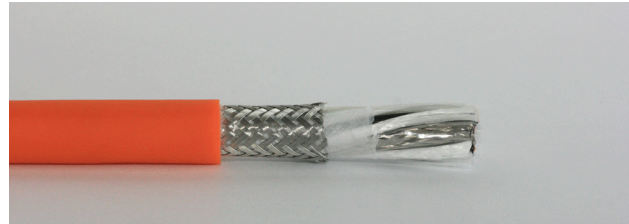
DESCAFLEX C-606 UL Servo

1,00 mm² - 35,00 mm²

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 pairs, cores black with white numbers (5, 6 and 7, 8), 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 _o /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
oder
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 ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
215629	DESCAFLEX C-606 Servo (4 G 1,00 + 2 x (2 x 0,75))	11.80	141.00	224.00
215630	DESCAFLEX C-606 Servo (4 G 1,50 + 2 x (2 x 0,75))	12.90	162.00	240.00
215631	DESCAFLEX C-606 Servo (4 G 2,50 + 2 x (2 x 0,75))	14.00	213.00	325.00
215634	DESCAFLEX C-606 Servo (4 G 4,00 + (2 x 1,00) + (2 x 1,50))	16.10	301.00	448.00
215635	DESCAFLEX C-606 Servo (4 G 4,00 + 2 x (2 x 1,50))	16.20	325.00	458.00
215637	DESCAFLEX C-606 Servo (4 G 6,00 + (2 x 1,00) + (2 x 1,50))	18.00	390.00	610.00
215638	DESCAFLEX C-606 Servo (4 G 6,00 + 2 x (2 x 1,50))	18.10	396.00	618.00
215640	DESCAFLEX C-606 Servo (4 G 10,00 + (2 x 1,00) + (2 x 1,50))	22.20	590.00	843.00
215641	DESCAFLEX C-606 Servo (4 G 10,00 + 2 x (2 x 1,50))	22.20	601.00	852.00
215643	DESCAFLEX C-606 Servo (4 G 16,00 + 2 x (2 x 1,50))	26.00	916.00	1090.00
215644	DESCAFLEX C-606 Servo (4 G 25,00 + 2 x (2 x 1,50))	29.00	1275.00	1660.00
215645	DESCAFLEX C-606 Servo (4 G 35,00 + 2 x (2 x 1,50))	31.50	1680.00	2080.00

Packaging

cut to desired length