



USE OF CABLE

shielded, low capacity power cable with control cores for temperature sensors or brake for EMC-compatible connecting between drives and frequency converter for normal requirements in drag chain applications, moving drive systems, in the field of robotic technology and manufacturing plants. Suitable for use in dry and humid rooms.



SPECIAL FEATURES

- conform to DESINA, UL/CSA approved
- largely resistant to grease, coolant fluids and lubricants
- silicone-free

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- optimal cost-value ratio
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Super fine wires acc. to IEC 60228 cl. 6
Core insulation:	PELON®2
Core identification:	Supply cores: BK w. WH print U/L1/C/L+; V/L2; W/L3/D/L- & GNYE; control cores: 1 pair, BK & WH
Shield:	Control pair with tinned copper braid
Overall stranding:	Cores & element stranded together with high flexible fillers
Shield3:	Copper braid tinned, opt. coverage 85 %
Outer sheath:	PVC
Sheath colour:	Orange, RAL 2003
Rated voltage:	Uo/U 600/1.000 V; UL & CSA: 1.000 V
Testing voltage:	4 kV
Conductor resistance:	At +20 °C acc. to IEC 60228 cl. 6
Insulation resistance:	At +20 °C ≥ 20 MOhm x km
Min. bending radius fixed:	5 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-30 °C / +80 °C
Operat. temp. moved min/max:	-5 °C / +80 °C
Burning behavior:	Self-extinguishing and flame-retardant acc. to IEC 60332-1; UL: VW1; CSA: FT1
Resistant to oil:	Acc. to ISO 6722, EN 60811-404 (only mineral oil)
Approvals:	UL/CSA - cURus 1.000 V, 80 °C
Speed:	Max. 120 m/min
Acceleration:	Max. 20 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504502	4 G 1,5	8,8	80,00	145,00	orange	V1: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: V, U, W, GNGE
1504503	4 G 2,5	10,3	123,00	216,00	orange	V1: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: V, U, W, GNGE
1504504	4 G 4	12,1	185,00	290,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE
1504508	4 G 6	14,7	288,00	430,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE
1504509	4 G 10	18,5	453,00	640,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE
1505377	4 G 16	21,6	905,00	749,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE
1505378	4 G 25	25,4	1132,00	1290,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE
1505379	4 G 35	29,0	1558,00	1771,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE

KAWEFLEX® 5278 SK-C-PVC UL/CSA SERVO 0,6/1kV

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1505380	4 G 50	33,4	2178,00	2415,00	orange	V2: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, GNGE
1504505	4 G 1,5 + (2 X 1,5)	10,9	130,00	234,00	orange	V3: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: V, U, W, SW-WS, GNGE
1504506	4 G 2,5 + (2 X 1,5)	12,6	175,00	302,00	orange	V3: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: V, U, W, SW-WS, GNGE
1504507	4 G 4 + (2 X 1,5)	14,0	253,00	402,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE
1504510	4 G 6 + (2 X 1,5)	16,0	341,00	525,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE
1504511	4 G 10 + (2 X 1,5)	20,3	529,00	735,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE
1505381	4 G 16 + (2 X 1,5)	22,7	798,00	1010,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE
1505382	4 G 25 + (2 X 1,5)	26,3	1178,00	1396,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE
1505383	4 G 35 + (2 X 1,5)	30,4	1602,00	1879,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE
1505384	4 G 50 + (2 X 1,5)	34,0	2224,00	2510,00	orange	V4: KAWEFLEX 5278 UL/CSA: nach / acc. to Standard Siemens MC 500PLUS: U, V, W, SW-WS, GNGE