



USE OF CABLE

For transmitting digital signals for various drive components to DRIVE-CLiQ® interfaces, with a transfer rate up to 100Mbit/s. Suitable for use in dry and humid rooms. Outdoor use only with UV-protection.



SPECIAL FEATURES

- flame retardant
- oil resistant acc. to IEC 60811-2-1
- free from lacquer damaging substances and silicone (during production)
- HF-characteristics Cat.5e acc. to IEC 61156-6
- see appendix - KAWEFLEX® ServoDriveQ ... application parameters -
- due to 300V UL/CSA approval parallel laying with other 300V cables is permitted
- NEW: up from production date Jan. 2016, approbation UL/CSA, 300 V, 80 °C (OLD: 30 V, 80 °C)

REMARKS

- conform to RoHS and WEEE
- alternatively as c(UL)us Listing Type CMG acc. UL444 available
- further types upon request
- DRIVE-CLiQ® is registered Trademark of Siemens AG

PRODUCT INFORMATION

Conductor material:	Bare copper
Conductor class:	7-wires
Core insulation:	Foam Polyethylen
Core identification:	GN/YE, PK/BU
Stranding:	Cores and fillers twisted to pairs
Overall stranding:	2 pairs stranded with fillers
Shield3:	Alu-clad PET foil, metalside with contact to braid, cover.100%,tinned copper braid, opt.cover. ≥85%
Outer sheath:	PVC
Sheath colour:	Grey, RAL 7032
Outer diameter:	Ca. 6,85 mm
Rated voltage:	Max. 300 V
Testing voltage:	500 V
Conductor resistance:	AWG24 max. 87,6 Ω/km
Insulation resistance:	At 20 °C ≥ 1 GΩ/km
Capacity:	Nom. 50 nF/km at 800 Hz
Characteristic impedance:	100 ± 15 Ω from 1 to 100 MHz
Transfer rate:	100 Mbit/s
Min. bending radius fixed:	7,5 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	- 20 °C / +80 °C
Burning behavior:	Acc. to IEC60332-1-2, UL VW-1 resp. CSA FT1
Approvals:	UL/CSA - cURus 300 V, 80°C, up from production date Jan. 2016
Copper weight:	28,0 kg/km
Weight:	Ca. 60,0 kg/km

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2001494	2 X 2 X 0,22 (AWG 24)	6,8	28,00	60,00	grey	V0: KAWEFLEX ServoDriveQ C-PVC UL/CSA