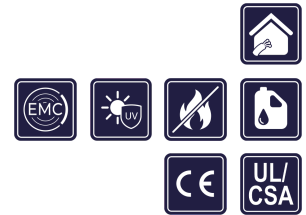




USE OF CABLE

as shielded, low capacity feedback, encoder, resolver, speedo sensor, signal & system cables for EMC compatible connecting in machine and plant engineering, as well as in drive and control technology, for normal electrical and light to medium mechanical requirements.



SPECIAL FEATURES

- DESINA-conform (jacket colour green RAL 6018)
- cURus approved 300V, 80°C
- flame-retardant, IEC 60332-1-2, F1, VW-1
- largely resistant to, grease, coolant fluids and lubricants
- resistant to oil, IEC 60811-404, (VDE 0473-811-404, only mineral oil)
- low adhesion, silicone-free, space- and weight-saving

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- optimal cost-value ratio
- 2-pairs dimensions stranded as star quad

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE0295 cl.5 resp. IEC60228 cl.5
Core insulation:	PELON®2
Core identification:	Acc. to system specification (on request)
Stranding:	Cores twisted to pairs or in layers
Shield:	Elements: D: tinned spiral copper shield, resp. C: tinned copper braid, opt. coverage appr. 85 %
Element sheath material:	TPE - black (if mentioned 12Y)
Overall stranding:	Elements stranded together
Shield3:	Copper braids, tinned, opt. coverage appr. 85 %
Outer sheath:	PVC
Sheath colour:	GN - RAL 6018 (DESINA), OR - RAL 2003 or BK - RAL 9005
Rated voltage:	300 V, no high-voltage purpose
Testing voltage:	500 V
Conductor resistance:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Insulation resistance:	Min. 20 MΩ x km
Min. bending radius fixed:	5 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	- 30 °C / +80 °C
Operat. temp. moved min/max:	- 5 °C / +80 °C
Burning behavior:	Flame-retardant acc. to IEC 60332-1-2, FT1, VW-1
Approvals:	UL/CSA: cURus 300V, 80°C
Speed:	Self supporting - max. 0,5 m/s
Acceleration:	Max. 2 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1505189	(4 X 2 X 0,34 + 4X0,5)C	8,9	77,00	136,00	green	V1: KAWEFLEX 5468 C-PVC UL/CSA - Siemens Standard MC 500
1505250	(3 X (2 X 0,14)D12Y + 2X(0,5)D12Y)C	8,5	69,00	115,00	green	V1: KAWEFLEX 5468 C-PVC UL/CSA - Siemens Standard MC 500
1505190	(3 X (2 X 0,14)D12Y + 4X0,14 + 2X0,5)C	8,9	66,00	125,00	green	V1: KAWEFLEX 5468 C-PVC UL/CSA - Siemens Standard MC 500
1505191	(3X(2X0,14)D12Y + 4X0,14 + 4X0,25 + 2X0,5)C	9,4	86,00	147,00	green	V1: KAWEFLEX 5468 C-PVC UL/CSA - Siemens Standard MC 500
1505192	(4 X 2 X 0,25 + 2 X 0,5)C	8,4	61,00	113,00	orange	V2: KAWEFLEX 5468 C-PVC UL/CSA - Bosch Rexroth Standard
1505193	(4 X 2 X 0,25 + 2 X 1)C	8,8	66,00	127,00	orange	V2: KAWEFLEX 5468 C-PVC UL/CSA - Bosch Rexroth Standard
1505194	(4 X 1 + 4 X 2 X 0,14 + (4 X 0,14)D)C	9,7	90,00	155,00	orange	V2: KAWEFLEX 5468 C-PVC UL/CSA - Bosch Rexroth Standard

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1505195	3 X (2 X 0,14)C + (2 X 0,5)C	9,3	49,00	135,00	black	V3: KAWEFLEX 5468 C-PVC UL/CSA - Lenze Standard
1505196	4 X (2 X 0,14)C + (2 X 1)C	11,0	73,00	180,00	black	V3: KAWEFLEX 5468 C-PVC UL/CSA - Lenze Standard
1505197	3 X (2 X 0,14)C + (3 X 0,14)C	9,2	43,00	120,00	black	V3: KAWEFLEX 5468 C-PVC UL/CSA - Lenze Standard
1505198	(5 X 2 X 0,25)C	7,3	47,00	91,00	green	V4: KAWEFLEX 5468 C-PVC UL/CSA - SEW Standard
1505199	(6 X 2 X 0,25)C	8,6	52,00	116,00	green	V4: KAWEFLEX 5468 C-PVC UL/CSA - SEW Standard