

ConCab kabel gmbh

# CC-Schleppflex® PUR-C-592

超柔性数据电缆，低电容，  
无卤型，耐磨抗腐型，屏蔽

ConCab kabel Mainhardt Schleppflex® C-592 10x0,25 E244335 AWM STYLE 20549 300V 80°C CE



## 应用领域

CC-Schleppflex® PUR-C-592 UL/CSA 认证，超柔性，带屏蔽，低电容，PUR 外护套，主要用作数据和信号电缆，用于拖链系统，传感器技术，计算机系统以及测量和控制技术的控制设备，并且也用于工业机器人以及装卸搬运设备，可在室内和室外使用。其可以在侵蚀性和矿物油出现的区域使用以及电缆暴露在高机械应力和小弯曲半径的区域使用。整体铜屏蔽确保了精确的数据传输并且保护电缆不受电磁干扰影响。PUR 外护套抗撕裂，耐磨损。

## application

CC-Schleppflex® PUR-C-592 UL/CSA superflexible shielded with low capacitance is used as a data and signal cable in power supply chains, sensor technology, computer systems and control devices for measurement and control technology as well as in industrial robots and handling equipment, for in- and outdoor use. It can be used in areas where aggressive and mineral oils occur and where the cable is exposed to high mechanical stress and small bending radius. The overall copper shield ensures exact data transmission and protects the cable against electromagnetic disturbances and influences. The PUR outer sheath is cut, notch and abrasion resistant.

## 构造

超细裸铜丝精绞，聚丙烯 (PP) 芯线绝缘，芯线颜色符合 DIN 47100 标准，芯线绞合成缆，绞合节距短，镀锡铜丝屏蔽。PUR 外护套，阻燃，无卤，自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）不粘连，抗水解和微生物。外护套颜色灰色 (RAL 7001)。

## construction

Superfine strands of bare copper wire, polypropylen (PP) core insulation, core colours acc. to DIN 47100, cores twisted in layers in very short lay lengths, tinned copper shield. PUR-based outer sheath is flame retardant, halogen-free and self-extinguishing (acc. DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06), low-adhesive, resistant to hydrolysis and microbes. Colour grey (RAL 7001).

## 技术数据 / technical data

导体绞合方式 / conductor stranding:

超细铜丝绞合 / superfine copper strands,

符合 / acc. to DIN VDE 0295, Klasse 6 / class 6

绝缘阻抗 / insulation resistance:

最小 200 MOhm x km

工作电容 / operating capacity at (800Hz):

芯线 / 芯线 大约 / core/core approx. : 60 nF/km

芯线 / 屏蔽 大约 / core/shield approx. : 160 nF/km

温度范围 / temperature range:

固定安装 / fixed installation: -50° C 至 /to +80° C

移动应用 / flexible application: -40° C 至 /to +80° C

弯曲半径 / bending radius:

移动应用 / flexible application: 5 x d 外径 -ø / outer-ø

弯曲次数 / alternating bending cycles:

大于一千万次

符合标准 / approvals:

符合 / acc. to DIN VDE 0250, 0285, 0812

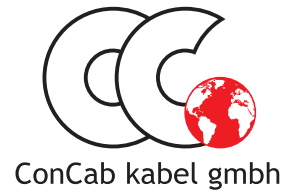
UL: Style 20549, 20233, CMX

CSA: AWM C 22.2 N 210.2-M90 FT1

导体截面积 conductor cross-section	额定电压 rated voltage	测试电压 test voltage	导体阻抗 conductor resistance
mm <sup>2</sup>	V	V	Ohm/km
0,14	300	1.500	≤ 138
0,25	300	1.500	≤ 79
0,34	300	1.500	≤ 57

# CC-Schleppflex® PUR-C-592

super flexible data cable, halogen-free, low capacitance shielded



物料编码 part-no.	芯线数 / 导体截面积 / no. of cores / cross-section	芯线数 / AWG no. of cores / AWG	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
592 26 02	2 x 0,14	2 x AWG 26	9	4,2	18
592 26 03	3 x 0,14	3 x AWG 26	11	4,4	18
592 26 04	4 x 0,14	4 x AWG 26	13	4,6	21
592 26 05	5 x 0,14	5 x AWG 26	15	4,8	24
592 26 07	7 x 0,14	7 x AWG 26	20	5,4	31
592 26 10	10 x 0,14	10 x AWG 26	25	6,3	37
592 26 12	12 x 0,14	12 x AWG 26	28	6,3	41
592 26 14	14 x 0,14	14 x AWG 26	32	6,7	46
592 26 18	18 x 0,14	18 x AWG 26	39	7,2	57
592 26 25	25 x 0,14	25 x AWG 26	52	8,1	77
592 24 02	2 x 0,25	2 x AWG 24	12	4,6	26
592 24 03	3 x 0,25	3 x AWG 24	15	4,8	28
592 24 04	4 x 0,25	4 x AWG 24	18	5,0	33
592 24 05	5 x 0,25	5 x AWG 24	22	5,4	38
592 24 07	7 x 0,25	7 x AWG 24	29	6,0	50
592 24 10	10 x 0,25	10 x AWG 24	38	7,0	63
592 24 12	12 x 0,25	12 x AWG 24	44	7,2	70
592 24 14	14 x 0,25	14 x AWG 24	50	7,4	78
592 24 18	18 x 0,25	18 x AWG 24	61	8,3	96
592 24 25	25 x 0,25	25 x AWG 24	87	9,6	143
592 22 02	2 x 0,34	2 x AWG 22	14	4,8	29
592 22 03	3 x 0,34	3 x AWG 22	18	5,0	32
592 22 04	4 x 0,34	4 x AWG 22	22	5,3	37
592 22 05	5 x 0,34	5 x AWG 22	26	5,6	44
592 22 07	7 x 0,34	7 x AWG 22	35	6,5	58
592 22 10	10 x 0,34	10 x AWG 22	47	7,8	74
592 22 12	12 x 0,34	12 x AWG 22	54	7,9	83
592 22 14	14 x 0,34	14 x AWG 22	62	8,1	93
592 22 18	18 x 0,34	18 x AWG 22	81	8,9	120
592 22 25	25 x 0,34	25 x AWG 22	109	10,2	171

robust cables

Schleppflex®

BUS cables

control cables

data cables

IT/communic.

high-temp.

lift cables

rubber cables

single cores

spiral cables

accessories

technical annex