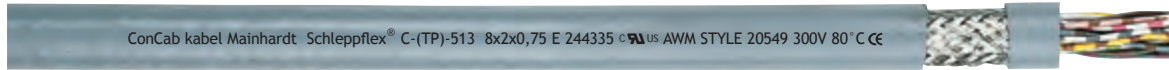




ConCab kabel gmbh

# CC-Schleppflex® PUR-C-(TP)-513

双绞超柔性数据传输电缆，无卤型，低电容，耐磨抗腐型，屏蔽



## 应用领域

CC-Schleppflex® PUR-C-(TP)-513 双绞数据传输电缆，UL/CSA 认证，低电容，超柔性，屏蔽，PUR 外护套，用作模拟和数字信号的无干扰数据传输电缆，广泛用于拖链系统，传感技术，和发射器与传感器连接的测量和控制技术。其可在室内和室外使用，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。整体铜屏蔽确保了数据准确传输并且保护电缆免受电磁干扰和影响。双绞线对的协调扭绞长度确保了低耦合率。PUR 外护套抗撕裂并且耐磨损。

## application

CC-Schleppflex® PUR-C-(TP)-513 shielded, super flexible, UL/CSA with low capacitance is used for the disturbance free transmitting of analogue and digital signals in power supply chains, sensor technology and for the connection of transmitters and sensors for measurement and control technology. It can be used where aggressive and mineral oils occur and where the cable is exposed to high mechanical stress. The overall copper shield ensures exact data transmission and protects the cable against electromagnetic disturbances and influences. Coordinated twisting lengths of the pairs ensure low coupling rates. The PUR outer sheath is cut and notch resistant and non-abrasive.

## 构造

超细铜丝多股精绞成束，聚丙烯 (PP) 芯线绝缘，芯线颜色符合 DIN 47100 标准。芯线绞合成对，镀锡铜丝屏蔽。PUR 外护套，阻燃，无卤并且自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准），不黏连，抗水解和微生物。外护套颜色灰色 (RAL 7001)。

## construction

Superfine strands of bare copper wires, polypropylen (PP) core insulation, core colours acc. to DIN 47100. Cores twisted in pairs, tinned copper shield. PUR outer sheath, 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, 6 类标准 / class 6 最小 100 MOhm x km

绝缘阻抗 / insulation resistance:

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

工作电容 / operating capacity (800Hz):

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

温度范围 / temperature range:

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

弯曲半径 / bending radius:

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

弯曲次数 / alternating bending cycles:

移动应用 / flexible application: 7,5 x d 外径 -Ø / outer-Ø 大于一千万次

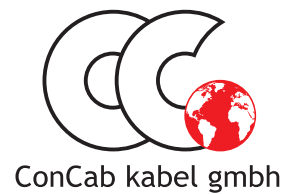
符合标准 / approvals:

符合 / acc. to DIN VDE 0812  
UL: Style 20549, 20233, CMX  
CSA: AWM C22.2 N 210.2-M90 FT 1

导体截面积 conductor cross-section mm <sup>2</sup>	额定电压 rated voltage UL/CSA V	测试电压 test voltage V	回路电阻 loop resistance Ohm/km
0,25	300	1.500	≤ 158
0,50	300	1.500	≤ 78
0,75	300	1.500	≤ 52
1,00	300	1.500	≤ 40

# CC-Schleppflex® PUR-C-(TP)-513

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



物编码料 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	电缆外径 outer-Ø d mm	电缆重量 weight kg/km
513 26 01	1 x 2 x 0,14	1 x 2 x AWG 26	11	4,2	23
513 26 02	2 x 2 x 0,14	2 x 2 x AWG 26	15	5,1	33
513 26 03	3 x 2 x 0,14	3 x 2 x AWG 26	19	5,6	35
513 26 04	4 x 2 x 0,14	4 x 2 x AWG 26	23	6,0	41
513 26 05	5 x 2 x 0,14	5 x 2 x AWG 26	28	6,5	47
513 26 06	6 x 2 x 0,14	6 x 2 x AWG 26	31	6,9	55
513 26 08	8 x 2 x 0,14	8 x 2 x AWG 26	39	7,3	74
513 26 10	10 x 2 x 0,14	10 x 2 x AWG 26	44	9,1	83
513 24 01	1 x 2 x 0,25	1 x 2 x AWG 24	13	4,6	37
513 24 02	2 x 2 x 0,25	2 x 2 x AWG 24	21	5,7	43
513 24 03	3 x 2 x 0,25	3 x 2 x AWG 24	32	6,5	46
513 24 04	4 x 2 x 0,25	4 x 2 x AWG 24	39	6,9	58
513 24 05	5 x 2 x 0,25	5 x 2 x AWG 24	46	7,5	69
513 24 06	6 x 2 x 0,25	6 x 2 x AWG 24	48	8,1	79
513 24 08	8 x 2 x 0,25	8 x 2 x AWG 24	66	8,7	116
513 24 10	10 x 2 x 0,25	10 x 2 x AWG 24	82	10,6	124
513 24 14	14 x 2 x 0,25	14 x 2 x AWG 24	103	11,1	159
513 22 01	1 x 2 x 0,34	1 x 2 x AWG 22	15	4,8	36
513 22 02	2 x 2 x 0,34	2 x 2 x AWG 22	25	6,0	50
513 22 03	3 x 2 x 0,34	3 x 2 x AWG 22	39	6,8	54
513 22 04	4 x 2 x 0,34	4 x 2 x AWG 22	47	7,3	66
513 22 05	5 x 2 x 0,34	5 x 2 x AWG 22	56	8,1	77
513 22 06	6 x 2 x 0,34	6 x 2 x AWG 22	67	8,7	99
513 22 08	8 x 2 x 0,34	8 x 2 x AWG 22	86	10,1	136
513 22 10	10 x 2 x 0,34	10 x 2 x AWG 22	100	10,7	146
513 20 01	1 x 2 x 0,5	1 x 2 x AWG 20	22	5,9	51
513 20 02	2 x 2 x 0,5	2 x 2 x AWG 20	38	8,0	81
513 20 03	3 x 2 x 0,5	3 x 2 x AWG 20	57	9,0	91
513 20 04	4 x 2 x 0,5	4 x 2 x AWG 20	72	9,9	117
513 20 05	5 x 2 x 0,5	5 x 2 x AWG 20	84	10,8	138
513 20 06	6 x 2 x 0,5	6 x 2 x AWG 20	96	11,5	164
513 20 08	8 x 2 x 0,5	8 x 2 x AWG 20	131	13,9	242
513 20 10	10 x 2 x 0,5	10 x 2 x AWG 20	158	14,7	257
513 20 14	14 x 2 x 0,5	14 x 2 x AWG 20	204	15,9	327
513 19 01	1 x 2 x 0,75	1 x 2 x AWG 19	38	6,5	108
513 19 02	2 x 2 x 0,75	2 x 2 x AWG 19	50	8,6	113
513 19 03	3 x 2 x 0,75	3 x 2 x AWG 19	74	10,1	121
513 19 04	4 x 2 x 0,75	4 x 2 x AWG 19	91	10,9	147
513 19 05	5 x 2 x 0,75	5 x 2 x AWG 19	108	12,1	179
513 19 06	6 x 2 x 0,75	6 x 2 x AWG 19	133	13,1	207
513 19 08	8 x 2 x 0,75	8 x 2 x AWG 19	171	15,4	307
513 19 10	10 x 2 x 0,75	10 x 2 x AWG 19	203	16,3	327
513 19 14	14 x 2 x 0,75	14 x 2 x AWG 19	295	18,7	435
513 18 01	1 x 2 x 1,0	1 x 2 x AWG 18	47	6,8	105
513 18 02	2 x 2 x 1,0	2 x 2 x AWG 18	66	9,3	126
513 18 03	3 x 2 x 1,0	3 x 2 x AWG 18	91	10,6	138
513 18 04	4 x 2 x 1,0	4 x 2 x AWG 18	112	11,5	169
513 18 05	5 x 2 x 1,0	5 x 2 x AWG 18	136	12,7	206

robust cables
Schleppflex®
BUS cables
control cables
data cables
IT/communic.
high-temp.
lift cables
rubber cables
single cores
spiral cables
accessories
technical annex