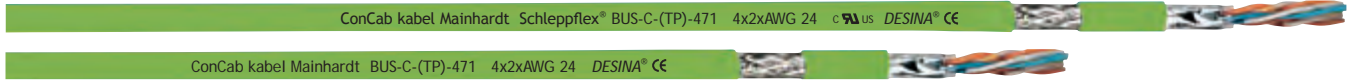




ConCab kabel gmbh

CC-Ether-Bus-C-(TP)-471 / Schleppflex®

以太网 总线电缆，屏蔽，无卤
CAT 5/100 MHz 和 CAT 6/250 MHz



应用领域

用于网络自动化和通信技术中的工业总线系统布线。该 ConCab-BUS- 电缆按照最高工业标准，（例如 INTERBUS-S®, CAN, PROFIBUS, SINEC® L2）。该屏蔽总线电缆是重要的中间连接媒介。通过 CAT5/ 100 MHz 其能实现精确数据传输的高标准，即使在恶劣的工业环境中也可实现。

CC-Ether-BUS-C-(TP)-471 设计用作 ETHERNET-以太网的 TCP/IP- 现场总线电缆。实心导线用作永久安装，而 7 芯导线用作移动安装。另外 CC-Schleppflex®-Ether-BUS-C-(TP)-471 高柔性可以用于移动拖链系统。也有 CAT6 版本的，用于满足更高带宽的需求。

application

In automation and communication technology industrial fieldbussystems are used for the networks. The ConCab-bus-cables meet high industrial standards, such as INTERBUS-S®, CAN, PROFIBUS and SINEC L2®. The shielded cables between bus-users are an important intermediary link. With CAT5 / 100 MHz the high standards for exact data transmission will be fulfilled also in rough industrial environments.

The CC-Ether-BUS-C-(TP)-471 is designed as a TCP/IP-Fieldbus cable for ETHERNET-Networks is used for wiring industrial fieldbus systems. Solid conductor is used for permanent installation whereas 7-wire conductor is used for flexible installation. In addition the CC-Schleppflex®-Ether-BUS-C-(TP)-471 high flexible can be used in mobile power supply chains. Here is also a CAT6 version available, to cover the requirements towards higher bandwidth.

构造

实心裸导体 或者 7- 芯铜导体，发泡 PE 芯线绝缘 (Schleppflex®- 版本：7 芯纯铜导体 - 或者 19 芯铜导体。PP 芯线绝缘) 芯线颜色 白色蓝色 / 蓝色，白色橙色 / 橙色。4 根芯线对型号的附加颜色为：白色绿色 / 绿色，白色棕色 / 棕色。芯线绞合成对或四芯导线，并且线对绞合成缆，铝箔屏蔽，整体镀锡铜丝屏蔽。PUR 外护套，无卤，列在下表中。外护套颜色 DESINA® 绿色 (RAL 6018)。

construction

Bare solid conductor or 7-wires copper conductor. Cellular-PE core insulation (Schleppflex®-version: Bare 7- or 19-wires copper conductor, PP core insulation) core colours whbu/bu, whog/og. Added colours for 4-paired types: whgn/gn, whbn/bn. Cores twisted in pairs or quads and pairs laid in layers, aluminium foil shield, overall tinned copper shield. Outer sheath halogen-free, as listed in the table. Colour DESINA® green (RAL 6018).

技术数据 / technical data

额定电压 / rated voltage: 150 V 不用于动力应用场合 / not for power applications

测试电压 / test voltage: 芯 / 芯 / core/core 500 V

芯 / 屏 / core/shield 800 V

导体绞合和回路电阻 / conductor stranding and loop resistance:

AWG 24: 0,52 mmØ 实心线 / solid wire max. 190 Ohm/km

AWG 26: 0,15 mmØ 7 芯线 / 7 wires max. 265 Ohm/km

Schleppflex® AWG 22: 0,25 mmØ 7 芯线 / 7 wires max. 120 Ohm/km

Schleppflex® AWG 24: 0,14 mmØ 19 芯线 / 19 wires max. 200 Ohm/km

Schleppflex® AWG 26: 0,10 mmØ 19 芯线 / 19 wires max. 250 Ohm/km

阻抗 / impedance: 100 Ohm +/- 15 Ohm

温度范围 / temperature range: 固定安装 / fixed installation: -30° C 至 /to +70° C

移动安装 / flexible installation: -5° C 至 /to +50° C

弯曲半径 / bending radius: 固定安装 / fixed installation: 8 x d 外径 -Ø / outer-Ø

移动安装 / flexible installation: 10 x d 外径 -Ø / outer-Ø

符合标准 / approvals: 符合 / acc. to EN 50173

Schleppflex® cUL: Style 20910

Schleppflex® cUL: Style 20233

CC-Ether-Bus-C-(TP)-471 / Schleppflex®

Ethernet fieldbus cable, shielded, halogen-free
CAT 5/100 MHz and CAT 6/250 MHz



物料编码 part-no.	型号 type	芯线数 + 导体截面积 / AWG no. of cores + cross-sections / AWG	外护套颜色 outer sheath colour	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
CC-Ether-BUS-C-(TP)-471 Etherbus						
471 2402 15310	SF/UTP	(2 x 2 x AWG 24/1)	H	17	5,8	53
471 2402 25310	SF/UTP	(2 x 2 x AWG 24/1)	PUR	25	5,8	60
471 2402 35310	SF/UTP	(2 x 2 x AWG 24/1)	H+PUR	25	7,7	71
471 2404 15310	SF/UTP	(4 x 2 x AWG 24/1)	H	28	6,5	56
471 2404 25310	SF/UTP	(4 x 2 x AWG 24/1)	PUR	32	6,5	64
471 2404 35310	SF/UTP	(4 x 2 x AWG 24/1)	H+PUR	32	8,0	82
471 2602 15310	Patchkabel SF/UTP	(2 x 2 x AWG 26/7)	H	14	5,6	36
471 2604 15310	Patchkabel SF/UTP	(4 x 2 x AWG 26/7)	H	22	5,7	44
CC-Schleppflex® Ether-BUS-C-(TP)-471 Etherbus/PROFINET® CAT 5 / 100 MHz 						
471 2402 45310	Schleppflex® SF/UTP	(2 x 2 x AWG 24/19)	PUR	27	6,2	65
471 2404 45310	Schleppflex® SF/UTP	(4 x 2 x AWG 24/19)	PUR	45	8,0	82
471 2604 45310	Schleppflex® Patchkabel SF/UTP	(4 x 2 x AWG 26/19)	PUR	30	6,9	60
471 2202 45310	Schleppflex® SF/UTP PROFINET® Fast Connect	(2 x 2 x AWG 22/7)	PUR	32	6,5	61
CC-Schleppflex® Ether-BUS-C-(TP)-471 Etherbus CAT 6 / 250 MHz 						
471 2604 46310	Schleppflex® SF/UTP	(4 x 2 x AWG 26/19)	PUR	32	7,9	77

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