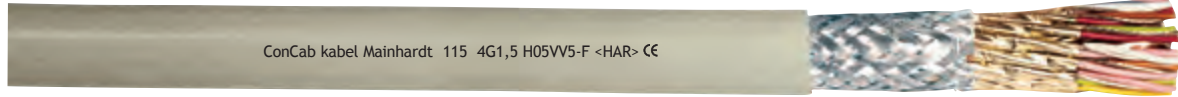


ConCab kabel gmbh

# CC-data cable PiMF Li2YCY-270

低电容，高串扰衰减  
屏蔽，Termi-Point®



## 应用领域

CC-data cable PiMF Li2YCY-270 屏蔽，用于 EDP 和控制设备中的数据 and 信号传输。PE 芯线线对确保了数据的大规模传输。线对的金属箔屏蔽促进大量的串扰衰减。整体镀锡铜丝屏蔽确保了数据以及脉冲的可靠传输，以保护不受电干扰。其可以用于剪切和夹具技术以及 Maxi-Termi-Point®\* 连接技术。

## application

The CC-data cable PiMF Li2YCY-270 shielded is used to transfer data and signals in EDP and control equipment. Polyethylene core pairs ensure the transfer of large quantities of data. The metal foil shielding of the pairs facilitates a considerable high crosstalk attenuation. The overall tinned copper shield ensures a reliable transmission of data or respectively impulses at the same time protecting against electrical interference. It is intended to be used in cutting and clamping technology as well of Maxi-Termi-Point®\* link-up technology.

## 构造

7 股至 19 股纯铜丝多股绞合，PE 芯线绝缘，芯线颜色符合 DIN 47100，芯线绞合成对，铝箔，屏蔽芯线线对绞合在一起，整体镀锡铜丝屏蔽，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）。外护套颜色灰色 (RAL 7032)。

## construction

Bare 7 resp. 19 strands of copper wire, PE core insulation, core colours acc. to DIN 47100, cores twisted in pairs, aluminium foil, shielded core pairs twisted together, overall tinned copper shield. PVC outer sheath, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour grey (RAL 7032).

## 技术数据 / technical data

额定电压 / rated voltage:	250 V
测试电压 / test voltage:	芯 / 芯 / core/core : 2000 V 芯 / 屏 / core/shield app : 1000 V
导体绞合方式 / conductor stranding:	多股铜丝 / multistrand copper wire, 符合 / acc. to DIN VDE 0295, 2 类标准 / class 2 小于 / up to 0,50 mm <sup>2</sup> : 7- 股芯线 / 7 strands 大于 / from 0,75 mm <sup>2</sup> : 19- 股芯线 / 19 strands
绝缘阻抗 / insulation resistance:	min. 5 GOhm x km
串扰衰减 / crosstalk-attenuation:	≥ 75 dB (≤ 1 MHz)
温度范围 / temperature range:	固定安装 / fixed installation: -30° C 至 / to +80° C
弯曲半径 / bending radius:	固定安装 / fixed installation: 10 x d 外径 -Ø / outer-Ø

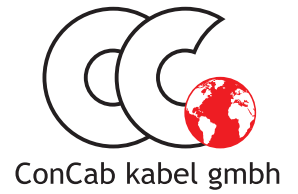
符合标准 / approvals: 符合 / acc. to DIN VDE 0812

导体截面积 / conductor cross-section	mm <sup>2</sup> :	0,22	0,34	0,50	0,75	1,00
电容 / capacitance	in nF/km 在 /at 800Hz :	≈ 70	≈ 70	≈ 80	≈ 90	≈ 95
阻抗 / impedance	in Ohm 在 /at 1 MHz :	≈ 85	≈ 85	≈ 80	≈ 70	≈ 65
回路电阻 / loop resistance	Ohm/km :	186	114	≤ 78	≤ 52	≤ 40
衰减 / attenuation at	100 kHz dB/km :	11,0	9,0	7,5	6,0	5,0
	1 MHz dB/km :	45,5	38,5	36,0	27,5	21,0

\* Termi-Point®: AMP 公司的注册商标 / registered trademark of AMP enterprise

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low capacitance, high crosstalk attenuation  
shielded, Termi-Point®



物料编码 part-no.	芯线数 / 导体截面积 / no. of cores / cross-section	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
270 0002 002	2 x 2 x 0,22	33	7,7	76
270 0002 003	3 x 2 x 0,22	42	8,1	86
270 0002 004	4 x 2 x 0,22	50	8,7	99
270 0002 008	8 x 2 x 0,22	85	10,9	161
270 0002 010	10 x 2 x 0,22	100	12,0	186
270 0003 002	2 x 2 x 0,34	43	9,0	70
270 0003 003	3 x 2 x 0,34	55	9,4	85
270 0003 004	4 x 2 x 0,34	64	9,8	103
270 0003 008	8 x 2 x 0,34	127	12,9	191
270 0003 010	10 x 2 x 0,34	150	14,9	230
270 0005 002	2 x 2 x 0,5	51	9,9	96
270 0005 003	3 x 2 x 0,5	66	10,4	116
270 0005 004	4 x 2 x 0,5	71	11,3	141
270 0005 008	8 x 2 x 0,5	153	14,5	271
270 0005 010	10 x 2 x 0,5	182	16,6	327
270 0010 002	2 x 2 x 1,0	82	11,7	126
270 0010 003	3 x 2 x 1,0	109	11,8	156
270 0010 004	4 x 2 x 1,0	186	16,2	298
270 0010 010	10 x 2 x 1,0	326	19,7	492

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