



ConCab kabel gmbh

# CC-control tray TM-170

## 柔性，耐油控制电缆 600 V

### 用于电缆桥架以及机器开放式布线



#### 应用领域

CC-control tray TM-170 NFPA 79 认证，特别根据北美市场的要求设计。该控制电缆可以用于电缆桥架以及机器或者工业设备间的无保护的开放式布线。特殊 PVC 混合物材料阻燃并且可以用于干燥和潮湿的环境。特殊技术设计确保了完美的无差错操作运转。附加的应用领域为：

- 风力涡轮发动机：USA WTTC 风力涡轮发动机桥架电缆
- 机床：UL MTW（机床配线）
- 1 类，2 区分按照 NEC，全国电气规程“第 336. 10 (7) 部分标准

#### application

CC-Control Tray TM-170 NFPA 79 approved, is specially designed on the requirements of the North American market. This control cable can be used for the open, unprotected wiring between cable trays and machineries or industrial equipment. Special PVC- compound, flame retardant and can be used in dry, damp and wet areas. A specific technical design guarantees an optimized, failure-free operation. Additional applications:

- Wind turbines: USA Wind Turbine Tray Cable (WTTC)
- Machine tools UL MTW (Machine Tool Wiring)
- Class 1, Div. 2 acc. to NEC “National Electrical Code “ part. 336. 10 (7)

#### 构造

纯铜丝精绞，特殊 PVC 芯线绝缘带透明 PA (尼龙®) 外皮，黑色芯线带连续白色数字编号，以及绿黄保护接地导线，芯线绞合在一起。PVC 外护套，阻燃（按照 FT4）并且自熄（符合 DIN EN 60332-1-2 VDE 0482 332-1-2:2005-06 部分标准）。外护套颜色灰色 (RAL 7001)。

#### construction

Fine strands of bare copper wires, special PVC-based core insulation with transparent polyamide (Nylon®) skin, cores are black with consecutive white numbering and greenyellow protective conductor, cores twisted together. PVC outer sheath, flame retardant (acc. to FT4) and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour grey (RAL 7001).

#### 技术数据 / technical data

额定电压 / rated voltage:

DIN VDE/IEC	300/500 V
UL	600 V TC-ER
UL MTW, TC-ER, WTTC	1.000 V

测试电压 / test voltage:

2000 V

导体绞合方式 / conductor stranding:

纯铜绞合 / fine copper strands,  
符合 / acc. to DIN VDE 0295, 5 类标准 / class 5

绝缘阻抗 / insulation resistance:

min. 200 MOhm x km

温度范围 / temperature range:

固定安装 / fixed installation: -40° C 至 /to +90° C  
移动安装 / flexible application: -5° C 至 /to +90° C

弯曲半径 / bending radius:

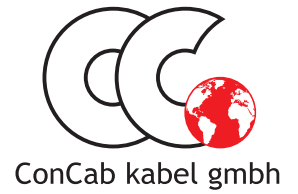
固定安装 / fixed installation: 6 x d 外径 -Ø / outer-Ø

符合标准 / approvals:

UL: MTW, TC-ER (Tray Cable Exposed Run)  
cUL: Type TC 和 /and CIC FT4

# CC-control tray TM-170

flexible, oil resistant control cable 600 V  
for cable trays and open wiring at machines



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
170 18 03	3 G 1,0	3 X AWG 18	29	7,3	83
170 18 04	4 G 1,0	4 X AWG 18	39	7,9	96
170 18 05	5 G 1,0	5 X AWG 18	48	8,5	113
170 18 07	7 G 1,0	7 X AWG 18	67	9,2	144
170 18 12	12 G 1,0	12 X AWG 18	116	12,0	248
170 18 18	18 G 1,0	18 X AWG 18	174	14,6	366
170 18 25	25 G 1,0	25 X AWG 18	240	17,4	464
170 16 02	2 X 1,5	2 X AWG 16	29	7,5	75
170 16 03	3 G 1,5	3 X AWG 16	43	7,9	100
170 16 04	4 G 1,5	4 X AWG 16	58	8,6	120
170 16 05	5 G 1,5	5 X AWG 16	72	9,3	141
170 16 07	7 G 1,5	7 X AWG 16	102	10,2	184
170 16 09	9 G 1,5	9 X AWG 16	130	12,6	247
170 16 12	12 G 1,5	12 X AWG 16	173	14,0	328
170 16 18	18 G 1,5	18 X AWG 16	259	16,1	403
170 16 25	25 G 1,5	25 X AWG 16	360	19,2	464
170 14 03	3 G 2,5	3 X AWG 14	72	8,8	125
170 14 04	4 G 2,5	4 X AWG 14	96	9,5	155
170 14 05	5 G 2,5	5 X AWG 14	120	10,5	185
170 14 07	7 G 2,5	7 X AWG 14	168	11,4	244
170 12 03	3 G 4	3 X AWG 12	115	10,2	135
170 12 04	4 G 4	4 X AWG 12	154	11,1	220
170 12 05	5 G 4	5 X AWG 12	192	12,1	269
170 12 07	7 G 4	7 X AWG 12	269	14,0	482
170 10 04	4 G 6	4 X AWG 10	231	14,1	382
170 10 05	5 G 6	5 X AWG 10	288	15,4	457
170 08 04	4 G 10	4 X AWG 8	384	18,6	615
170 08 05	5 G 10	5 X AWG 8	480	20,5	771
170 06 04	4 G 16	4 X AWG 6	615	22,4	864

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