



CC-single core FEP/PTFE-348

耐高温单芯电缆，FEP/PTFE 芯线绝缘

ConCab kabel gmbh



应用领域

CC-single core FEP/PTFE-348 可以用于极端温度出现的区域并且极其耐油脂、酸、碱和溶剂。另外 FEP/PTFE 绝缘的芯线很轻并且能抗恶劣天气、能全天候使用。

application

The CC-single core FEP/PTFE-348 can be used in many fields where extreme temperatures occur. It is exceptionally resistant to oil, fat, acid, alkali and solvents. Furthermore FEP/PTFE insulated cores are light and weather resistant.

构造

FEP: 裸铜丝，镀锡和镀银或者镀镍铜丝，FEP 芯线绝缘，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）。

PTFE: 裸铜丝，镀锡和镀银或者镀镍铜丝，PTFE 芯线绝缘，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）。

construction

FEP: Fine strands of bare, tinned and silver plated or nickel plated copper wire, FEP based core insulation, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06).

PTFE: Fine strands of bare, tinned and silver plated or nickel plated copper wire, PTFE based core insulation, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06).

技术数据 / technical data

额定电压 / rated voltage:

导体绞合方式 / conductor stranding:

如列表中所示 / as listed in table

纯铜绞合 / fine copper strands,

符合 / acc. to DIN VDE 0295, 5 类标准 / class 5

详细如表中所列 / details as listed in table

min. 1 GOhm x km

绝缘阻抗 / insulation resistance:

温度范围 / temperature range:

FEP

固定安装 / fixed installation:

-100° C 至 /to +200° C

短时耐温 / short-term:

+230° C

PTFE

固定安装 / fixed installation:

-200° C 至 /to +260° C

短时耐温 / short-term:

+300° C

弯曲半径 / bending radius:

固定安装 / fixed installation:

10 x d 外径 -Ø / outer-Ø

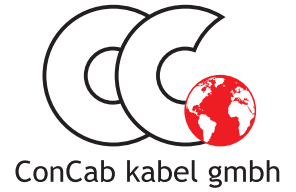
符合标准 / approvals:

符合 / acc. to

MIL-W 16878

CC-single core FEP/PTFE-348

high temperature resistant, fluoropolymer insulated
(metric dimensions)



| 物料编码 / part-no. | 导体截面积 / cross-section mm ² | 导体绞合 芯线数 x Ø (mm) conductor stranding number x Ø (mm) | 外径 outer-Ø d mm | | 外径 outer-Ø d mm | | 外径 outer-Ø d mm | |
|--------------------|---|--|--------------------------|------|--------------------------|-------|--------------------------|-------|
| | | | ET/KT | | E/K | | EE/KK | |
| | | | min. | max. | min. | max. | min. | max. |
| 348 002. ... | 0,25 | 14 x 0,15 | 0,90 | 1,00 | 1,05 | 1,25 | 1,30 | 1,50 |
| 348 003. ... | 0,34 | 7 x 0,25 | 1,02 | 1,12 | 1,17 | 1,37 | 1,42 | 1,63 |
| 348 005. ... | 0,50 | 16 x 0,20 | 1,22 | 1,32 | 1,37 | 1,58 | 1,63 | 1,83 |
| 348 007. ... | 0,75 | 24 x 0,20 | | | 1,65 | 1,85 | 1,85 | 2,05 |
| 348 010. ... | 1,0 | 32 x 0,20 | | | 1,85 | 2,05 | 2,05 | 2,25 |
| 348 015. ... | 1,5 | 30 x 0,25 | | | 2,10 | 2,30 | 2,30 | 2,50 |
| 348 025. ... | 2,5 | 50 x 0,25 | | | 2,65 | 2,85 | 2,85 | 3,05 |
| 348 040. ... | 4 | 56 x 0,30 | | | 3,30 | 3,50 | 3,50 | 3,70 |
| 348 060. ... | 6 | 84 x 0,30 | | | 3,95 | 4,25 | 4,15 | 4,45 |
| 348 100. ... | 10 | 80 x 0,40 | | | 5,50 | 5,80 | 5,80 | 6,10 |
| 348 160. ... | 16 | 126 x 0,40 | | | 6,50 | 6,80 | 6,80 | 7,10 |
| 348 250. ... | 25 | 196 x 0,40 | | | 8,30 | 8,60 | 8,60 | 8,90 |
| 348 350. ... | 35 | 276 x 0,40 | | | 9,50 | 9,90 | 9,90 | 10,30 |
| 348 500. ... | 50 | 392 x 0,40 | | | 11,00 | 11,40 | 11,40 | 11,80 |
| 348 700. ... | 70 | 356 x 0,50 | | | 13,00 | 13,40 | 13,40 | 13,80 |
| 348 950. ... | 95 | 470 x 0,50 | | | 15,85 | 16,35 | 16,53 | 16,85 |

| | | | | | | | |
|--|---------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 物料编码 / part no.: | 348 ... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 导体截面积 / cross-section | --- | | | | | | |
| 规格 / specification | | | | | | | |
| PTFE Typ ET (250 V) | | | | | | | 1 |
| PTFE Typ E (600 V) | | | | | | | 2 |
| PTFE Typ EE (1.000 V) | | | | | | | 3 |
| FEP Typ KT (250 V) | | | | | | | 4 |
| FEP Typ K (600 V) | | | | | | | 5 |
| FEP Typ KK (1.000 V) | | | | | | | 6 |
| 导体 / conductor | | | | | | | |
| 镀银铜丝 / Cu silver-plated (至 /to 200° C) | | | | | | | 1 |
| 镀镍铜丝 / Cu nickel-plated (至 /to 260° C) | | | | | | | 2 |
| 镀锡铜丝 / Cu tinned (至 /to 180° C) | | | | | | | 3 |
| 纯铜丝 / Cu bare (至 /to 130° C) | | | | | | | 4 |
| 颜色编码 / colour code | | | | | | | |
| (根据右边颜色表格 / acc. to colour table) | -- | | | | | | |

举例 / example: 348 060 3 2 00

耐高温单芯线，截面积：6mm²，
芯线绝缘：PTFE Typ EE，
导体：镀镍铜丝，最高至 260° C，
外护套颜色：黑色

high temperature resistant single core,
cross-section: 6mm²
core isolation: PTFE Typ EE, conductor:
nickel plated copper, up to 260° C, sheath
colour: black

| 通过以下颜色编码来完成物料编码填写 part-no. completion for colourcode | |
|---|-----------|
| 颜色 / colour | 编码 / code |
| 黑色 / black | ..00 |
| 蓝色 / blue | ..01 |
| 棕色 / brown | ..02 |
| 红色 / red | ..03 |
| 白色 / white | ..04 |
| 灰色 / grey | ..05 |
| 紫色 / violet | ..06 |
| 粉色 / pink | ..07 |
| 橙色 / orange | ..08 |
| 黄色 / yellow | ..09 |
| 绿色 / green | ..10 |
| 米色 / beige | ..11 |
| 透明 / natural | ..50 |
| 绿黄 / greenyellow | ..99 |

其它护套颜色可根据要求特殊定制
Further sheath colours on request.

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