

耐油性電源ケーブル
Oil resistant power cable

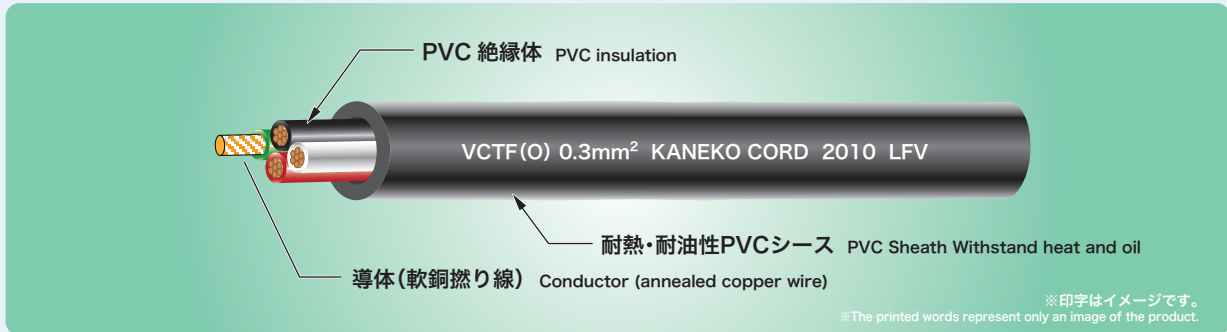
VCTF(O)



構造図 Construction figure

耐油性
Oil resistance

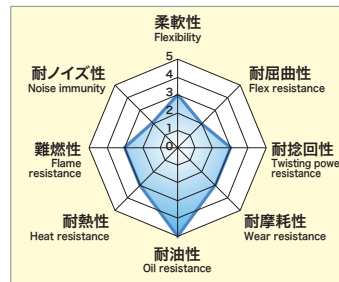
RoHS対応品
RoHS complete



VCTF(O)の特長 Characteristics

- シース材に高性能耐油性PVCを採用。
- 油が飛散する工作機械等への配線に最適。
- 低温域-30℃~高温域80℃対応。
- 0.75~3.5mm²は電気用品安全法に適合。
- 定格電圧/0.3~0.5mm²は100V未満、0.75~3.5mm²は300V。
- Sophisticated oil resistant PVC adopted onto sheath materials.
- Best suited for wiring of oil littering machine tools.
- Applicable to the low- and high-temperature range (-30℃~80℃).
- 0.75~3.5mm² is compliant with the Law of Electrical Appliance and Material Safety.
- Rating voltage/0.3~0.5mm² : Less than 100V, 0.75~3.5mm² : 300V.

特性グラフ Features graph



シース色 Sheath color

- 黒 Black

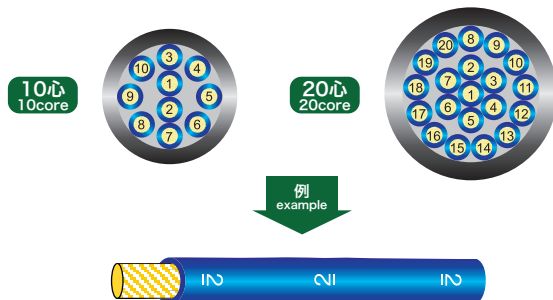
心線識別 Insulation color

■ A タイプ心線識別(ドットマーク識別)
Core Wire Identification Type A (identified by dots)

1 黒	2 白	3 赤
4 緑	5 青	6 黄
7 茶	8 桃	9 空
10 橙	11 紫	12 灰
13 若草	14 クリーム	15 黒(銀)
16 白(黒)	17 赤(黒)	18 緑(黒)
19 青(黒)	20 黄(黒)	21 茶(黒)
22 桃(黒)	23 空(黒)	24 橙(黒)
25 紫(黒)	26 灰(黒)	27 若草(黒)
28 クリーム(黒)	29 白(赤)	30 緑(赤)

■ B タイプ心線識別(ナンバリング識別)
Core Wire Identification Type B (identified by numbering)

● 5心以上がナンバリング識別(○内数字は青色絶縁体上の白色ナンバリングを示す)
More than 5 cores identified by numbering (The number inside ○ indicates white numbering on blue insulators.)



■ VCTF(O) $\square\square \times \triangle\triangle$ (○)

① ② ③

- ① $\square\square$: mm²(0.3~3.5)
 ② $\triangle\triangle$: 心線(2~30)
 Core
 ③ ○ : 心線識別(A or B)
 Core Identification

VCTF(O)ラインナップ Line-up

品名 product name	心数 number	導体 conductor			絶縁体 insulation		シース sheath 厚さ(mm) thickness	仕上り Finished form 外径(mm) diameter	電気特性 Electrical Characteristics			許容電流(A) allowable ampacity
		面積(mm ²) area	構成(本/mm) structure	外径(mm) diameter	厚さ(mm) thickness	外径(mm) diameter			導体抵抗 (Ω/km) conductor resistance	絶縁抵抗 (MΩ/km) insulation resistance	耐電圧 (V/1min) withstand voltage	
VCTF(O)0.3x2	2	0.3	12 / 0.18 裸軟銅線 bare copper	0.7	0.4	1.5	0.8	4.6	62.9	10	1000V	5.7
VCTF(O)0.3x3	3							4.8				4.9
VCTF(O)0.3x4	4							5.2				4.4
VCTF(O)0.3x5	5							5.7				4.0
VCTF(O)0.3x6	6							6.1				3.7
VCTF(O)0.3x7	7							6.1				3.5
VCTF(O)0.3x8	8						7.0	3.2				
VCTF(O)0.3x10	10						8.0	3.0				
VCTF(O)0.3x12	12						8.2	2.6				
VCTF(O)0.3x16	16						9.2	2.3				
VCTF(O)0.3x20	20						9.9	2.3				
VCTF(O)0.3x30	30						11.7	1.9				
VCTF(O)0.5x2	2	0.5	20 / 0.18 裸軟銅線 bare copper	0.9	0.5	1.9	1.0	5.8	37.8	10	1000V	8.1
VCTF(O)0.5x3	3							6.1				7.0
VCTF(O)0.5x4	4							6.6				6.3
VCTF(O)0.5x5	5							7.1				5.7
VCTF(O)0.5x6	6							7.7				5.3
VCTF(O)0.5x7	7							7.7				5.0
VCTF(O)0.5x8	8						8.3	4.7				
VCTF(O)0.5x10	10						9.6	4.3				
VCTF(O)0.5x12	12						9.9	3.7				
VCTF(O)0.5x16	16						11.0	3.3				
VCTF(O)0.5x20	20						11.9	3.3				
VCTF(O)0.5x30	30						14.5	2.7				
VCTF(O)0.75x2	2	0.75	30 / 0.18 裸軟銅線 bare copper	1.1	0.6	2.3	1.0	6.6	25.1	10	2000V	10.8
VCTF(O)0.75x3	3							7.0				9.4
VCTF(O)0.75x4	4							7.6				8.4
VCTF(O)0.75x5	5							8.2				7.7
VCTF(O)0.75x6	6							8.9				7.1
VCTF(O)0.75x7	7							8.9				6.7
VCTF(O)0.75x8	8						9.6	6.2				
VCTF(O)0.75x10	10						11.2	5.8				
VCTF(O)0.75x12	12						11.6	4.9				
VCTF(O)0.75x16	16						12.9	4.3				
VCTF(O)0.75x20	20						14.3	4.3				
VCTF(O)0.75x30	30						17.3	3.6				
VCTF(O)1.25x2	2	1.25	50 / 0.18 裸軟銅線 bare copper	1.5	0.6	2.7	1.0	7.4	15.1	10	2000V	15.1
VCTF(O)1.25x3	3							7.8				13.1
VCTF(O)1.25x4	4							8.5				11.7
VCTF(O)1.25x5	5							9.3				10.7
VCTF(O)1.25x6	6							10.1				9.9
VCTF(O)1.25x7	7							10.1				9.3
VCTF(O)1.25x8	8						10.9	8.7				
VCTF(O)1.25x10	10						12.8	8.1				
VCTF(O)1.25x12	12						13.4	6.8				
VCTF(O)1.25x16	16						15.0	6.0				
VCTF(O)1.25x20	20						16.5	6.0				
VCTF(O)1.25x30	30						20.0	5.0				
VCTF(O)2.0x2	2	2.0	37 / 0.26 裸軟銅線 bare copper	1.8	0.6	3.0	1.0	8.0	9.79	9.79	2000V	19.8
VCTF(O)2.0x3	3							8.5				17.2
VCTF(O)2.0x4	4							9.3				15.3
VCTF(O)2.0x5	5							10.1				14.0
VCTF(O)2.0x6	6							11.0				12.9
VCTF(O)2.0x7	7							11.0				12.2
VCTF(O)2.0x8	8						11.9	11.4				
VCTF(O)2.0x10	10						14.2	10.8				
VCTF(O)2.0x12	12						14.7	9.0				
VCTF(O)2.0x16	16						16.6	7.9				
VCTF(O)2.0x20	20						18.0	7.9				
VCTF(O)2.0x30	30						22.1	6.6				
VCTF(O)3.5x2	2	3.5	45 / 0.32 裸軟銅線 bare copper	2.5	0.6	3.7	1.0	9.4	5.24	10	2000V	29.7
VCTF(O)3.5x3	3							10.0				25.7
VCTF(O)3.5x4	4							10.9				23.0