

UL リスティング規格 (CL-3) 対応
耐油性電源ケーブル

Oil resistant power cable adaptable to
CL3 : UL listed

VCTFU(O)

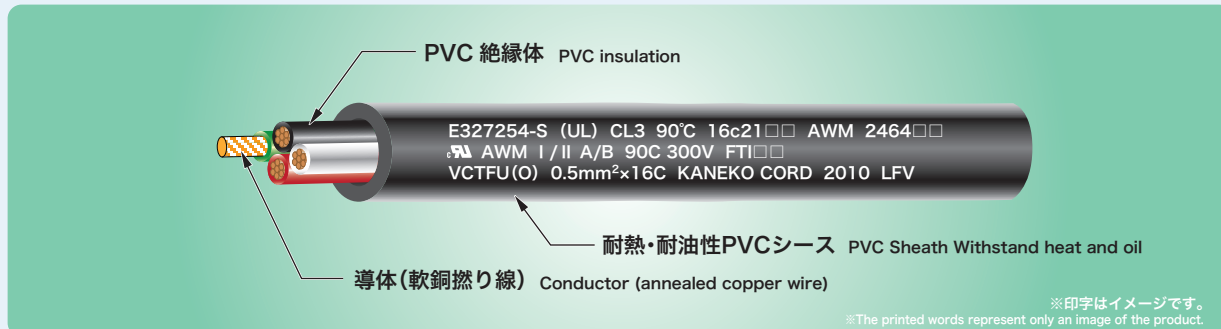


CL3 90°C

耐油性
Oil resistance

RoHS対応品
RoHS complete

構造図 Construction figure



VCTFU(O)の特長 Characteristics

- CL3:ULリステッド、c-UL、(PS)E対応。
- シース材に高性能耐油性PVCを採用。
- 低温域-30°C~高温域90°C対応。
- 定格電圧/0.3~0.5mm²は100V未満、0.75~3.5mm²は300V。
- Adaptable to CL3:UL listed, c-UL, and (PS)E.
- Sophisticated oil resistant PVC adopted onto sheath materials.
- Applicable to the low- and high-temperature range (-30°C~90°C).
- 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

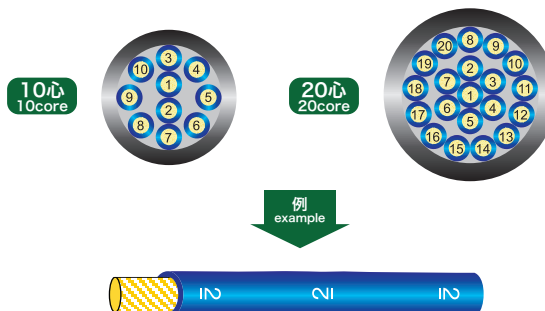
心線識別 Insulation color

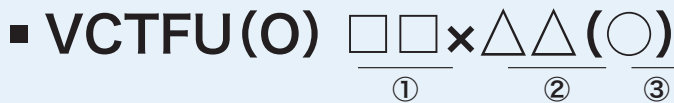
■ A タイプ心線識別(ドットマーク識別)
Core Wire Identification Type A (identified by dots)

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.)





- ① □□ : mm²(0.3~3.5)
- ② △△ : 心線(2~30)
Core
- ③ ○ : 心線識別(A or B)
Core Identification

VCTFU(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	仕上り Finished form	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	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	
VCTFU(O)0.3x2	2	0.3	12 / 0.18 裸軟銅線 bare copper	0.7	0.4	1.5	1.0	5.2	62.9	10	2000V	6.1
VCTFU(O)0.3x3	3							5.4				5.3
VCTFU(O)0.3x4	4							5.8				4.7
VCTFU(O)0.3x5	5							5.9				4.3
VCTFU(O)0.3x6	6							6.3				4.0
VCTFU(O)0.3x7	7							6.3				3.9
VCTFU(O)0.3x8	8							7.0				3.5
VCTFU(O)0.3x10	10							8.0				3.3
VCTFU(O)0.3x12	12							8.2				2.8
VCTFU(O)0.3x16	16							9.2				2.4
VCTFU(O)0.3x20	20							9.9				2.4
VCTFU(O)0.3x30	30							11.7				2.0
VCTFU(O)0.5x2	2	0.5	20 / 0.18 裸軟銅線 bare copper	0.9	0.5	1.9	1.0	6.0	37.8	10	2000V	8.8
VCTFU(O)0.5x3	3							6.3				7.6
VCTFU(O)0.5x4	4							6.8				6.8
VCTFU(O)0.5x5	5							7.1				6.2
VCTFU(O)0.5x6	6							7.7				5.7
VCTFU(O)0.5x7	7							7.7				5.4
VCTFU(O)0.5x8	8							8.3				5.0
VCTFU(O)0.5x10	10							9.6				4.7
VCTFU(O)0.5x12	12							9.9				4.0
VCTFU(O)0.5x16	16							11.0				3.5
VCTFU(O)0.5x20	20							11.9				3.5
VCTFU(O)0.5x30	30							14.5				2.9
VCTFU(O)0.75x2	2	0.75	30 / 0.18 裸軟銅線 bare copper	1.1	0.6	2.3	1.0	6.8	25.1	10	2000V	11.7
VCTFU(O)0.75x3	3							7.2				10.1
VCTFU(O)0.75x4	4							7.8				9.0
VCTFU(O)0.75x5	5							8.2				8.3
VCTFU(O)0.75x6	6							8.9				7.6
VCTFU(O)0.75x7	7							8.9				7.5
VCTFU(O)0.75x8	8							9.6				6.7
VCTFU(O)0.75x10	10							11.2				6.2
VCTFU(O)0.75x12	12							11.6				5.3
VCTFU(O)0.75x16	16							12.9				4.7
VCTFU(O)0.75x20	20							14.3				4.7
VCTFU(O)0.75x30	30							17.3				3.9
VCTFU(O)1.25x2	2	1.25	50 / 0.18 裸軟銅線 bare copper	1.5	0.6	2.7	1.0	7.6	15.1	10	2000V	16.3
VCTFU(O)1.25x3	3							8.0				14.1
VCTFU(O)1.25x4	4							8.7				12.6
VCTFU(O)1.25x5	5							9.3				11.5
VCTFU(O)1.25x6	6							10.1				10.6
VCTFU(O)1.25x7	7							10.1				10.0
VCTFU(O)1.25x8	8							10.9				9.3
VCTFU(O)1.25x10	10							12.8				8.9
VCTFU(O)1.25x12	12							13.4				8.7
VCTFU(O)1.25x16	16							15.0				7.4
VCTFU(O)1.25x20	20							16.5				7.4
VCTFU(O)1.25x30	30							20.0				5.4
VCTFU(O)2.0x2	2	2.0	37 / 0.26 裸軟銅線 bare copper	1.8	0.6	3.0	1.0	8.2	9.79	10	2000V	21.4
VCTFU(O)2.0x3	3							8.7				18.5
VCTFU(O)2.0x4	4							9.5				16.5
VCTFU(O)2.0x5	5							10.1				15.1
VCTFU(O)2.0x6	6							11.0				14.0
VCTFU(O)2.0x7	7							11.0				13.1
VCTFU(O)2.0x8	8							11.9				12.3
VCTFU(O)2.0x10	10							14.2				11.4
VCTFU(O)2.0x12	12							14.7				9.7
VCTFU(O)2.0x16	16							16.6				8.5
VCTFU(O)2.0x20	20							18.0				8.5
VCTFU(O)2.0x30	30							22.1				7.1
VCTFU(O)3.5x2	2	3.5	45 / 0.32 裸軟銅線 bare copper	2.5	0.6	3.7	1.0	9.6	5.24	10	2000V	32.0
VCTFU(O)3.5x3	3							10.2				27.8
VCTFU(O)3.5x4	4							11.1				24.8