



KFF 氟塑料絕緣控制電纜

KFF PFA High Temperature Cable



阻燃電纜 KFF 3×0.2mm² 250℃ YANG TAI

導體
Conductor

編織
Braid

絕緣、護套
PFA insulation & Jacket

- 額定溫度：-85~+250℃，額定電壓：600V。
- 電纜：10-26AWG 鍍錫銅線 PFA 絕緣電線絞合成纜；屏蔽用鍍錫銅線編織 (16/3/0.12mm) 85%；護套採用 PFA 的 2-24 芯控制電纜。
- 標準：UL758, UL1581 及 CSA C22.2 NO. 210.2, 可通過 UL VW-1 及 CSA FT-1 垂直耐燃測試。
- 使用標準厚度，易剝、易裁。容差±0.22
- 具有優良熱穩定和機械耐磨及電絕緣性能，高頻損耗小、絕緣電阻大、耐高電壓、可抗強酸、耐腐蝕、耐高溫、耐低溫、耐火不燃、氧指數高、長期使用不老化的。
- 廣泛應用於航空、郵電通訊、冶金石油、電子電氣、儀器儀表、家用電器、燈飾照明、變壓器及電機引出線。適用於高溫條件下，作為電氣設備及儀表的控制、信號、保護、測量、抗電磁干擾電纜，電訊傳輸的高頻射頻電纜。同時，適用於固定敷設、油井、室內、溝中、管道及埋地用電纜。

- Rating:-85~+250℃, Rated voltage:600V.
- Conductors: 2 ~ 24radix 10 ~ 26 AWG stranded, tinned copper insulated conductors arranged with an overall twist. One 18 AWG stranded (16/3/0.12mm) copper, tinned overcoat un-insulated drain wire.
- Cable Shield: 1st shield will consist of 100% aluminum mylar foil out with helically applied #18 16/30 tinned overcoat drain wire. 2nd shield will consists of 85% braided tinned copper.
- Cable Marking: The cable marking shall be displayed at intervals of not more than 24 inches by one of two methods: Printed on the outer jacket, or; Printed on a marking strip running the full length of the cable underneath outer jacket; The cable marking shall include "18 AWG", "CL3P or PLTC", "250C", "(UL)".
- Insulation: Conductors – PFA Teflon 0.010 ± .001 inches thick, Color: Red, Black, Green, and White (one color per conductor); Outer Jacket – PFA Teflon, 0.015 ± .003 inches thick Color: Blue If a marking strip is used, it must be visible through jacket.
- Classifications: NEC article 725 class 3 for use in non-conduit, plenum and cable tray installations (CL3P); UL listed – Power Limited Circuit Cable.
- Physical Specifications: Temperature range of -85 to +250 degree Celsius; Maximum pull tension – 96 lbs; Minimum bend radius – 2 inches; Length – 1000 + 25/-0 ft.
- Electrical Specifications: Voltage rating – 300 Vrms; Capacitance - measured between two adjacent conductors, with the other two conductors connected to the drain wire: 40 pF/ft maximum; Capacitance – measured between one conductor and the drain wire, with all other conductors connected to the drain wire.

導體 conductor		電纜外径 Cable Nom Dia.(mm)												
截面 Section AWG(mm ²)	線數/線徑 No./mm	2芯 2 core	3芯 3 core	4芯 4 core	5芯 5 core	6 芯 6 core	7 芯 7 core	8 芯 8 core	10芯 10core	12芯 12core	14芯 14core	16芯 16core	18芯 18core	24芯 24core
26(0.12)	7/0.16	2.8	3.5	3.5	4.1	4.8	5.3	5.6	6.1	6.3	6.7	7.2	7.9	8.5
24(0.2)	7/0.20	3.0	4.1	3.6	5.1	5.3	5.6	6.1	6.4	6.6	6.9	7.3	8.0	8.7
22(0.3)	19/0.16	3.3	4.2	3.7	5.2	5.4	5.7	6.3	6.5	6.7	7.0	7.5	8.3	8.9
20(0.5)	19/0.185	3.8	4.3	4.9	5.3	5.5	5.9	6.5	6.7	6.8	7.2	7.7	8.5	10.5
18(0.75)	19/0.235	4.0	5.3	5.4	5.6	6.1	6.5	7.5	7.7	7.9	8.5	8.9	9.0	13.3
18(1.0)	19/0.26	5.2	5.5	6.0	6.5	7.5	7.9	8.5	9.1	9.5	10.1	10.8	11.5	14.8
16(1.25)	19/0.30	6.7	6.8	6.9	7.5	8.2	8.6	9.1	9.6	10.2	11.4	11.9	13.5	16.5
16(1.5)	19/0.32	6.7	6.8	6.9	7.5	8.2	8.6	9.1	9.6	10.2	11.4	11.9	13.5	16.5
15(2.5)	19/0.41	7.5	7.9	8.1	8.5	9.2	9.6							
12(4.0)	19/0.52	8.5	8.7	8.9	9.1	9.8	10.2							
10(6.0)	37/0.45	11.8	12.1	13.3	13.5	14.1	14.8							
8(8.0)	37/0.55	13.5	13.80											

本規格若有更改，恕不另行通知。更新日期：2018-4-9