

TAYUKABEL® SILICONE RUBBER WIRE

EV CABLE 電動車專用矽橡膠電纜 **UL3858 / AWM STYLE 3858**

產品說明 **PRODUCT DESCRIPTION**

*導體:多芯鍍錫銅絞線 Stranded Tinned Copper

*披覆:矽橡膠絕緣 Silicone Rubber Sheath

*額定溫度 150°C Rated temperature 150°C

*額定電壓 3000V/AC Rated voltage 3000V/AC

*柔軟/耐高溫/耐寒 Flexible/High temperature resistant/Cold-resistant

*符合 UL 規範 Available UL Verify



無遮蔽型 NON-SHIELDED



AWM 3858 電線設計用於電動汽車、電動巴士等耐高電壓應用，其中高耐磨性、耐高電壓和柔韌性是主要特點。適用於高功率和高溫的應用：電動車高壓盒、電控驅動 MCU、充電插座 PLUG、電池管理系統 BMS 等環境。

AWM 3858 wire is designed for high voltage applications such as electric vehicles, electric buses, where high abrasion resistance, high voltage resistance and flexibility are key features. Suitable for high power and high temperature applications: electric vehicle high voltage box, electronic control drive MCU, charging socket PLUG, battery management system BMS and other environments.

耐溫:150°C 耐電壓:3000V/AC, 披覆材質: Silicone Rubber Sheath

◆【無隔離遮蔽】 AWM 3858 矽橡膠耐熱線 150°C (NON-SHIELDED TYPE) 3000V/AC

SIZE mm ² (AWG)	Sheath Thickness	BRAIDED SHIELDED YES / Non	Overall Diameter	Amp/Current
4mm ² (12AWG)	Aver. 0.75mm	Non	Approx. 4.1mm	28 A
5.5 mm ² (10AWG)	Aver. 0.75mm	Non	Approx. 4.6mm	35 A
6 mm ² (10AWG)	Aver. 0.75mm	Non	Approx. 4.8 mm	40 A
8 mm ² (8AWG)	Aver. 1.40mm	Non	Approx. 6.5 mm	55 A
14 mm ² (6AWG)	Aver. 1.40mm	Non	Approx. 7.7 mm	93 A
22 mm ² (4AWG)	Aver. 1.40mm	Non	Approx. 9.8 mm	119 A
38 mm ² (2AWG)	Aver. 1.75mm	Non	Approx. 12.7 mm	166 A
50 mm ² (1/0AWG)	Aver. 1.75mm	Non	Approx. 14.2 mm	255 A
60 mm ² (2/0AWG)	Aver. 1.75mm	Non	Approx. 15.1 mm	303 A
80 mm ² (3/0AWG)	Aver. 1.75mm	Non	Approx. 17.0 mm	356 A
100 mm ² (4/0AWG)	Aver. 1.75mm	Non	Approx. 18.7 mm	401 A
125 mm ² (4/0AWG)	Aver. 1.75mm	Non	Approx. 19.3 mm	448 A

遮蔽型 SHIELDED

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耐溫:150°C 耐電壓:3000V/AC，披覆材質: Silicone Rubber Sheath

◆【隔離遮蔽】 AWM 3858 矽橡膠耐熱線 150°C (SHIELDED TYPE) 3000V/AC

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