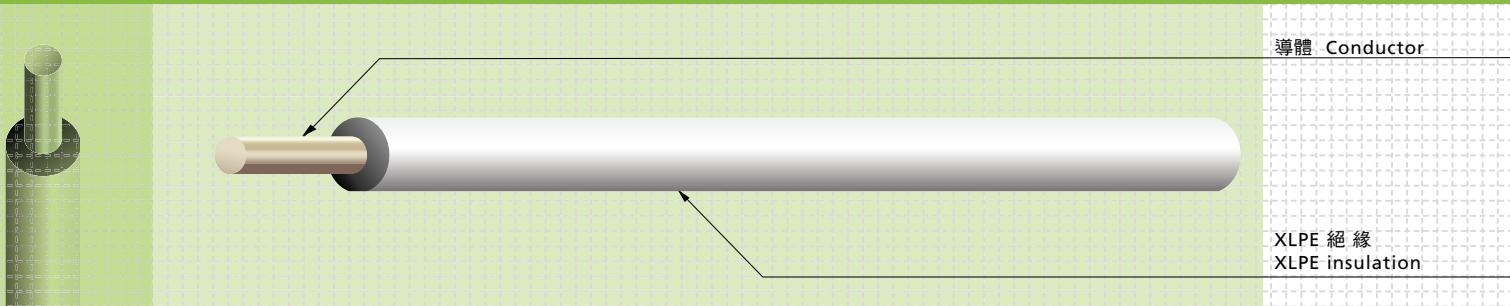


## 無鉛照射XL-PE電子線(LF)

Lead Free Irradiated XL-PE Wire

UL Style 3289, CSA AWM 150°C 600V



### UL Style 3289, CSA AWM 150°C 600V

**用途：**

電子電器用品內部配線（高溫或升溫之器具內部配線如吹風機、烤麵包機、燙髮器、電熱水瓶、電鍋等，變壓器引出線、燈具及冷氣機用線）

**說明：**

1. 符合UL758 & CSA標準
2. 耐燃可通過UL VW-1&CSA FT1垂直耐燃試驗
3. 絕緣經電子照射交連熱安定性優良
4. 使用照射PE絕緣機械性能優良
5. 較一般PE線耐化學性能優良
6. 較一般PE線耐油性能優良
7. 使用無鉛PE材料產品符合RoHS環保需求

**Application：**

Internal wiring of electronic equipment (such as dryer, toaster, hair curlers, electronic jars, electronic rice cooker etc. Transformer lead wire, lighting equipment, air conditioner wiring etc.)

**Description:**

1. Approved by UL & CSA standard
2. Pass the UL VW-1 CSA FT1 vertical flame test
3. Insulation is cross- linked by irradiation stable thermally
4. Irradiated PE is use for insulation mechanical strength is excellent
5. Chemical resistance is excellent compared with normal PE wire
6. Oil resistance is excellent compared with normal PE wire
7. Use lead free PE compound complies with RoHS requirement

| 導 體       |             |      | 絕 緣 體      |      | 最 大<br>導 體 電 阻 | 容 許 電 流       | 絕 緣 耐 壓        | 標 準 單 長       |
|-----------|-------------|------|------------|------|----------------|---------------|----------------|---------------|
| Conductor |             |      | Insulation |      | Cond. Resist   | Allow Current | Diel. Strength | Stand. Length |
| Size      | Composition | Diam | Nom. Thick | Diam |                |               |                |               |
| AWG       | No/mm       | mm   | mm         | mm   | (20°C)<br>Ω/km | A             | ACV/1min       | FT            |
| 24        | 1/0.51      | 0.51 | 0.81       | 2.13 | 89.3           | 11.5          | 2000           | OR            |
| 24        | 7/0.203     | 0.61 | 0.81       | 2.23 | 94.2           | 11.5          |                |               |
| 24        | 11/0.16     | 0.61 | 0.81       | 2.23 | 94.2           | 11.5          |                |               |
| 22        | 1/0.64      | 0.64 | 0.81       | 2.26 | 56.4           | 15.2          |                |               |
| 22        | 7/0.254     | 0.76 | 0.81       | 2.38 | 59.4           | 15.2          |                |               |
| 22        | 17/0.16     | 0.76 | 0.81       | 2.38 | 59.4           | 15.2          |                |               |
| 20        | 1/0.81      | 0.81 | 0.81       | 2.43 | 35.2           | 19.8          |                |               |
| 20        | 7/0.32      | 0.96 | 0.81       | 2.58 | 36.7           | 19.8          |                |               |
| 20        | 21/0.18     | 0.95 | 0.81       | 2.57 | 36.7           | 19.8          |                |               |
| 18        | 1/1.02      | 1.02 | 0.83       | 2.68 | 22.2           | 26.1          |                |               |
| 18        | 7/0.404     | 1.21 | 0.83       | 2.87 | 23.2           | 26.1          |                |               |
| 18        | 16/0.254    | 1.18 | 0.83       | 2.84 | 23.2           | 26.1          |                |               |
| 18        | 34/0.18     | 1.2  | 0.83       | 2.86 | 23.2           | 26.1          |                |               |
| 16        | 1/0.29      | 1.29 | 0.85       | 2.99 | 14             | 34.2          | 1000           |               |
| 16        | 26/0.254    | 1.5  | 0.85       | 3.2  | 14.6           | 34.2          |                |               |
| 14        | 41/0.254    | 1.9  | 0.85       | 3.6  | 8.96           | 44.9          |                |               |
| 12        | 65/0.254    | 2.37 | 0.85       | 4.07 | 5.64           | 60.2          |                |               |

Note: 1. Conductor : May be either solid or stranded, tinned or bare copper. ( 7 stranded may be top-coated )

2. Amp. capacity : Ambient temperature 40°C in the air.