



1000V XLPE Wire

UL 30049
Product Description

⚡ Rated voltage
1000V

🌡️ Rated temperature
125°C

🔥 Fire Performances
Horizontal flame

🔗 AWG
50AWG-10AWG

📦 ²⁹CU Conductor
Solid / Stranded

🌀 Insulation
XLPE

🕒 Bend Radius
10X

Marking Example:
E209277 cUL AWM STYLE 30049 125°C 1000V FT2 □□AWG
3A AWM IA 125°C 1000V □□AWG FT2 3A LF



Conductor			Insulation	
AWG 線規	Stranded (No./mm) 線規/線徑	Diameter (mm) 絞合外徑	Insulation Thickness (mm) 絕緣厚度(mm)	OVERALL DIAMETER 完成外徑(mm)
10	105/0.254	3.01	0.39	3.79±0.1
12	65/0.254	2.37	0.39	3.15±0.1
14	41/0.254	1.88	0.39	2.66±0.1
16	26/0.254	1.50	0.39	2.28±0.1
18	34/0.18	1.21	0.39	1.99±0.1
20	21/0.18	0.95	0.39	1.73±0.1
22	17/0.16	0.76	0.39	1.54±0.1
24	11/0.16	0.62	0.39	1.39±0.1
26	7/0.16	0.49	0.39	1.27±0.1
28	7/0.127	0.39	0.39	1.17±0.1
30	7/0.10	0.31	0.39	1.09±0.1
32	7/0.08	0.24	0.39	1.02±0.1
34	7/0.06	0.18	0.39	0.96±0.1

AWM UL 758

3A Plus, 3a plus(logo), and 3A (logo) are trademarks.
Other logos, product and/or Company names may be trademarks of their respective owners