



UL 3817
Product Description

Rated voltage
3000V

Rated temperature
125°C

Fire Performances
Horizontal flame

AWG
30AWG-2000kcmil

Conductor
Solid / Stranded

Insulation
XLPE

Bend Radius
10X

Marking Example:
E209277 cUL AWM STYLE 3817 125°C 3000V FT2 □□AWG
3A AWM IA 125°C 3000V □□AWG FT2 3A LF



XLPE Insulation (XLPE 絕緣) Conductor(導體)



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)
4/0	2146/0.254	15.70	0.64	14.88±0.1
3/0	1615/0.254	13.65	0.64	13.08±0.1
2/0	1330/0.254	12.36	0.64	11.99±0.1
1/0	1026/0.254	10.85	0.64	10.69±0.1
2	665/0.254	8.74	0.64	8.85±0.1
4	420/0.254	6.94	0.64	7.30±0.1
6	259/0.254	5.46	0.64	6.00±0.1
8	161/0.254	3.72	0.64	4.99±0.1
10	105/0.254	3.01	0.64	4.29±0.1
12	65/0.254	2.37	0.64	3.65±0.1
14	41/0.254	1.88	0.64	3.16±0.1
16	26/0.254	1.50	0.64	2.78±0.1
18	34/0.18	1.21	0.64	2.49±0.1
20	21/0.18	0.95	0.64	2.23±0.1
22	17/0.16	0.76	0.64	2.04±0.1
24	11/0.16	0.62	0.64	1.89±0.1
26	7/0.16	0.49	0.64	1.77±0.1
28	7/0.127	0.39	0.64	1.67±0.1
30	7/0.10	0.31	0.64	1.59±0.1

AWM UL 758

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