



UL 3271
Product Description



Rated voltage
600Vac/750Vdc



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 3271 125°C 600V FT2 □□AWG
3A AWM 1A 125°C 600V □□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	1.46	16.50±0.15
3/0	1615/0.254	13.65	1.46	14.70±0.15
2/0	1330/0.254	12.36	1.46	13.61±0.15
1/0	1026/0.254	10.85	1.46	12.31±0.15
2	665/0.254	8.74	1.20	9.97±0.15
4	420/0.254	6.94	1.20	8.50±0.15
6	259/0.254	5.46	1.20	7.13±0.15
8	161/0.254	3.72	1.20	6.12±0.15
10	105/0.254	3.01	0.82	4.65±0.10
12	65/0.254	2.37	0.82	4.01±0.10
14	41/0.254	1.88	0.82	3.55±0.10
16	26/0.254	1.50	0.82	3.15±0.10
18	34/0.18	1.21	0.82	2.86±0.10
20	21/0.18	0.95	0.82	2.60±0.10
22	17/0.16	0.76	0.82	2.41±0.10
24	11/0.16	0.62	0.82	2.26±0.10
26	7/0.16	0.49	0.82	2.13±0.10
28	7/0.127	0.39	0.82	2.03±0.10
30	7/0.10	0.31	0.82	1.95±0.10

AWM UL 758

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