



Valcon Wire  
**CABLE SPECIFICATION**

<b>Messrs</b>					
<b>Standard</b>		<b>UL1007</b>			
Item		Unit	Specification		
AWG		AWG	24AWG		
No. of conductor		P.C	1C		
Conductor	Material	-----	Tinned Wire		
	Filler	-----	-----		
	Construction	No./mm	11/0.16mm±0.008mm		
	Stranded diameter	mm	0.612mm		
Insulation	Material	----	PVC		
	Nom. Thickness	mm	0.381mm		
	Diameter	mm	1.4mm±0.1mm		
	Color	----	----		
Electric Characters	Rated temperature		°C	80°C	
	Rated voltage		V	300V	
	Conductor resistance		Ω/kft	29.3	
	Low temperature resistance		°C/hrs	-10±2°C/4hrs      Unbreak	
	Withstand voltage spark		kv/sec	3KV/0.15sec	
	Insulation Unaged	Tensile Strength	kgf/mm <sup>2</sup>	1.05kgf/mm <sup>2</sup> ↑	
		Elongation	%	100%	
	Insulation aged	Tensile Strength	°C/hrs	121±2°C/168hr	70% ↑
		Elongation			45% ↑
	Marking	ㄚ AWM STYLE 1007 E209277 VW-1 80°C 300V 24AWG CSA TYPE AWM IA 206504 FT1 80°C 300V 24AWG 3A LF			

**Configuration:** 注：結構和特性參照 UL758

(結構圖)

