



Valcon Wire  
**CABLE SPECIFICATION**

<b>Messrs</b>						
<b>Standard</b>		<b>UL1007</b>				
Item		Unit	Specification			
AWG		AWG	28AWG			
No. of conductor		P.C	1C			
Conductor	Material	-----	Tinned Wire			
	Filler	-----	-----			
	Construction	No./mm	7/0.127mm±0.008mm			
	Stranded diameter	mm	0.388mm			
Insulation	Material	----	PVC			
	Nom. Thickness	mm	0.381mm			
	Diameter	mm	1.2mm±0.1mm			
	Color	----	----			
Electric Characters	Rated temperature		°C	80°C		
	Rated voltage		V	300V		
	Conductor resistance		Ω/kft	72		
	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	ㄨ AWM STYLE 1007 E209277 VW-1 80°C 300V 28AWG CSA TYPE AWM IA 206504 FT1 80°C 300V 28AWG 3A LF				

**Configuration:** 注：結構和特性參照 UL758

(結構圖)

