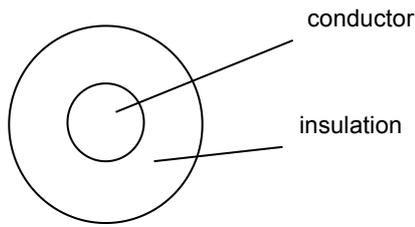


SPECIFICATION

TYPE	ELP-UL1015 AWG18	DOC.REF	Elproman
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Cross-Section



style: ELP-UL1015 AWG18 Rated temperature:105°C, rated voltage:600 volts.

Construction

Cond. Construction	NO/mm	16/0.254			
Cond.Material		tinned copper			
Cond.Conductor style	mm	0.254 (±0.008)			
Insu.Material		PVC			
Insu.NOM.Thickness	mm	0.76			
Min.Thickness	mm	≥0.69			
Diameter	mm	2.8±0.1			

Electrical Properties

Item	Electrical Characteristics
Rated temperature&voltage	105°C 600V
Max.Conductor Resistance	7.08Ω/kft & 20°C
Standard	UL758,UL1581 & CSA22.2
Dielectric strength V/min	AC.2000V, 1min NO Break

Physical Properties

Test Object Item	Insulation
Properties	Tensile Strength ≥10.3Mpa
	Elongation ≥100%
Aged(136°C/168h)	Tensile Strength ≥70% of original
	Elongation ≥65% of original
Flame Test	FT1
Color	According to customer requirement

Marking:

AWM E350799 STYLE 1015 18AWG 105°C 600V VW-1 AWM I A/B 18AWG 105°C 600V FT1 Elproman RoHS

Packing:	610m/reel(240*110*165)