



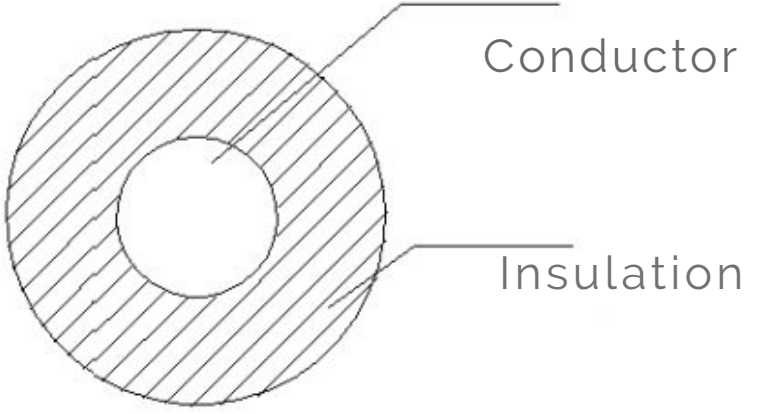
Name	Single Insulated Wire
Spec.	UL 1015 28~4AWG

No.	GES/ 101 5
Rev.	A
UL758、UL1581	

Construction Drawing

ITEM

Conductor	material	Tinned copper						
	Specification	28 AW G	26AWG	24AWG	22AWG	20AWG	18AWG	16AWG
	Construction (±0.008mm)	7/0.12	7/0.16	11/0.16	17/0.16	21/0.178	34/0.178	26/0.254
	O.D. (±0.1mm)	0.38	0.48	0.61	0.76	0.94	1.19	1.49
Insulation	Material	105°C PVC						
	Average Thickness (mm)	0.76	0.76	0.76	0.76	0.76	0.76	0.76
	Min. Thickness (mm)	0.69	0.69	0.69	0.69	0.69	0.69	0.69
	O.D. (±0.2mm)	1.95	2.00	2.15	2.35	2.50	2.75	3.10
DC. Conductor Resistance Max.@20°C		239	150	94.2	59.4	37.4	23.5	14.6



Conductor	Material	Tinned copper						
	Specifications	14AWG	12AWG	10AWG	8AWG	6AWG	4AWG	/
	Construction (±0.008mm)	41/0.254	66/0.254	105/0.254	168/0.254	266/0.254	420/0.254	/
	O.D. (±0.1mm)	1.87	2.38	3.19	4.04	5.09	6.41	/
Insulation	Material	105°C PVC						
	Average Thickness (mm)	0.76	0.76	0.76	1.14	1.52	1.52	/
	Min. Thickness (mm)	0.69	0.69	0.69	1.02	1.37	1.37	/
	O.D. (±0.3mm)	3.45	3.95	5.00	6.60	8.50	10.00	/
DC. Conductor Resistance Max.@20°C		9.15	5.75	3.55	2.23	1.41	0.88	/

Color	Customized according to requirements
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Printing	E492380 AWM 1015 () AWG 105°C 600V VW-1 PVC AWM I A/B 105°C 600V FT1 FEIDA TECHNOLOGY Co Ltd - RoHS-
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FEIDA TECHNOLOGY CO. LTD.			
Organization		Date	
Examine and Verify		Date	
Sales Confirm		Date	
User confirm		Date	

<p>Electrical Properties</p> <ol style="list-style-type: none"> Rated Voltage: 600V Temperature Rating of Insulation 105°C Dielectric Strength 50Hz2000V1min , No Breakdown 	<p>Physical Properties</p> <ol style="list-style-type: none"> Tensile Strength of Insulation: PVC≥10.3MPa Ultimate Elongation of Insulation: PVC≥100% Flame retardant: VW-1、FT1
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