

Product Specification



Part No.: XB1015682		Color	
Style 1015 Insulated Wire.		Insulation Available colors from: Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray	
Cross Section		Performance	
		Electrical Characteristics: Max. Conductor DC Resistance at 20°C (Ω /km) 23.20	
Marking		Mechanical Characteristics:	
BELDEN E357312-S 18AWG AWM STYLE 1015 105C 600V VW-1 --- c AWM I A/B 105C 600V FT1 -F- ROHS		Test Object	
Description		Insulation	
Rated Voltage (V)	600	Test Material	PVC
Rated Temperature (°C)	105	Before	Tensile Strength (Mpa) ≥ 10.3
Product Standard Certification	UL & JQA	Aging	Elongation (%) ≥ 100
Flammability Test	UL VW-1 & CSA FT1	Aging Condition	136±2°C x 168 hrs
Application		After	Tensile Strength (Mpa) $\geq 70\%$ of original
Internal Wiring of Appliances		Aging	Elongation (%) $\geq 65\%$ of original
Reference Standard		Sample Record	
UL758, UL1581 & CSA C22.2 No.210.2		Sample No. :	
Construction		Original spec no.:	
1Core		Ref. spec No. : SK-B1015-682	
Conductor	Stranded Tinned Copper	Revision History	
AWG	18		
Construction	41/0.16		
Stranded Dia. (mm)	1.18		
Insulation	PVC		
Min. Thickness (mm)	0.69		
Nom. Thickness (mm)	0.81		
Insulation Dia. (± 0.10 mm)	2.80		
		Prepared by: XIAOYU.ZHU 2012/11/18 Table No.:T100 Rev.: 0	
		Approved by: CICI.CHENG 2012/11/18 Page 1 of 1	