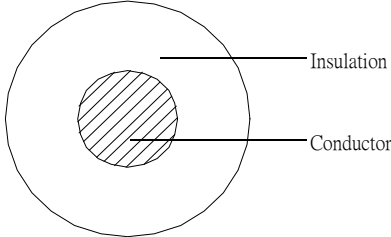




Product Specification

Part No.: XB3271682	Color
	Available colors from: Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray
Cross Section	
 <p style="text-align: right;">Insulation Conductor</p>	
Marking	
68A9378P18 18AWG 19 STRANDED BELDEN E357312-S 18AWG  AWM STYLE 3271 125C 600V VW-1 --- c  AWM I A 125C 600V FT1 ROHS CE	
Description	
Rating Voltage (V) 600 Rating Temperature (°C) -40~125 Certification UL Flame test FT1	
Application For use as motor leads or internal wiring of appliances	
Reference Standard UL758, UL1581 & CSA C22.2 No.210.2	
Construction	
ICore Conductor Stranded Tinned Copper AWG 18 Construction 19/0.24 Stranded Dia. (mm) 1.10 Insulation XL-PE Min. Thickness (mm) 0.69 Nom. Thickness (mm) 0.85 Insulation Dia. (±0.10mm) 2.80	
	Performance
	Electrical Characteristics(20°C) Max. Conductor DC Resistance at 20°C (ohms/km) 23.2
	Mechanical Characteristics:
	Test Object
	Test Material Insulation XL-PE
	Before Tensile Strength (Mpa) >=13.8 Aging Elongation (%) >=300
	Aging Condition 158±2°C x 168 hrs
	After Tensile Strength (Mpa) >=80% of original Aging Elongation (%) >=80% of original
	Sample Record
	Sample No. : Original spec no. SZ-B3271-303 Rev.: 4 Ref. spec No. : SK-B3271-682 Rev.: 2
	Revision History
	Prepared by: YANGHUA 2015/12/9 Table No.:T100 Rev.: 0 Approved by: CICICHENG 2015/12/9 Page 1 of 1