

# UL 3386 – 18AWG XLPE Wire



PRODUCT DATA SHEET

Internal wiring of appliances.

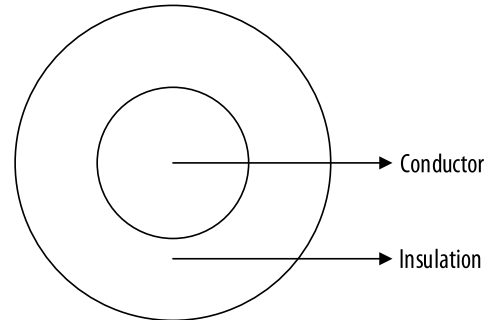
**Design Number** 10544  
**Part Number** 32158244  
**Customer Number** N/A

## CONSTRUCTION

**Conductor:** Stranded tinned copper  
**Conductor Size:** 18AWG(19/30)  
**Conductor Diameter:** 1.27mm(Nom.)  
**Insulation Material:** XLPE (Halogen Free)  
**Avg. Thickness:** 0.76mm(Nom.)  
**Insulated Diameter:** 2.90mm(Nom.)  
**Insulation Color:** A variety of colors available

### Print Legend:

ASCENT E477982 \*\* AWM STYLE 3386 AWG18 105°C 600V --- c   
AWM I A 105°C 600V FT2-LF-  
“\*\*” = Factory ID



## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 105°C  
**Operating Voltage:** 600V  
**Conductor DC Resistance@20°C:** Max 21.8 Ω/km  
**Dielectric Test:** AC 2.0 kV/1 min

## SAFETY CHARACTERISTICS

**Reference Standards:** UL 758, UL 1581, and AWM UL 3386  
**Approvals:** AWM UL 3386, CUL  
**RoHS Compliant**

**Application:** Internal wiring of appliances

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Revision History		
00	2021/11/22	Initial release
Created L. Jian	Approved A. Huang	

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