



# Southwire®

## PRODUCT DATA SHEET

Controlled Document - Engineering Drive  
Southwire  
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**PART NUMBER:** CZ166X1008  
**DESCRIPTION:** TFZ 16(19)S 600 BLK AWM 10086  
**CONSTRUCTION:** This Appliance wire consists of ETFE insulation over 16 AWG silver plated copper  
**APPROVALS:** UL AWM Style 10086  
**APPLICATION:** Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products up to 200° C. Provides excellent resistance to gasoline, oil, moisture, and acids.

### Construction Parameters:

Conductor	16 AWG
Stranding	19/.0113" Silver Plated Copper
Insulation Material	Extruded ETFE fluoropolymer
Insulation Thickness	0.010" Nom.
Insulated Conductor Diameter	0.080" Nom.
Approximate Cable Weight	11.0 Lbs/1M' Nom.
Flame Rating	UL 1581 horizontal flame

### Electrical Properties:

Temperature Rating	200°C
Operating Voltage	600V

Insulation Colors	Black
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Legend (White Ink Print)	16 AWG (1.31mm <sup>2</sup> ) E57498 (PLANT ID CODE) (AWM LOGO) AWM 10086 200C 600V
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This product complies with European Directive 2002/95/EC (RoHS)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

Please review carefully. These manufactured products are non cancelable and non returnable items.

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