

FEP Insulated Hook-Up Wire
UL Style 1332 AWM 200°C 300V

UL Recognized: E209277



P/N: 1332-XX-1-0500-0XX-1-TS

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm ²)	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage V	Maximum Conductor Resistance Ω/km
28AWG (0.08mm ²)	7/0.12 Tinned Strands	0.33	1.03 (±0.1)	300V	223.00
26AWG (0.12mm ²)	7/0.16 Tinned Strands	0.33	1.16 (±0.1)	300V	139.0
24AWG (0.22mm ²)	19/0.127 Tinned Strands	0.33	1.26 (±0.1)	300V	88.9
22AWG (0.33mm ²)	19/0.16 Tinned Strands	0.33	1.46 (±0.1)	300V	57.5
20AWG (0.53mm ²)	19/0.20 Tinned Strands	0.33	1.66(±0.1)	300V	35.2
18AWG (0.84mm ²)	19/0.24 Tinned Strands	0.33	1.86 (±0.1)	300V	23.3
16AWG (1.25mm ²)	19/0.29 Tinned Strands	0.33	2.17 (±0.1)	300V	15.1
14AWG (2.1mm ²)	19/0.361 Tinned Strands	0.33	2.51 (±0.1)	300V	9.8
12AWG (3.3mm ²)	65/0.254 Tinned Strands	0.33	3.03 (±0.1)	300V	5.21

1. Surface Printing:

E209277 cUL AWM STYLE 1332 200°C 300V VW-1 ☐☐AWG 3A AWM IA 200°C 300V ☐☐AWG FT1 3A LF

2. Insulation Material : FEP

3. Electrical and Physical character

Rated Temperature: 200°C

Rated Voltage: 300V

Withstand voltage spark: 3KV/0.15sec

Unaged: Elongation: 200% MPA: 17.2MPa

Tensile Strength: 2500lbf/in² ↑

After aged: Tensile Strength: 232±1°C/168hr 75% ↑

Elongation: 232±1°C/168hr 75% ↑

Flame Test: VW-1 & FT1 : Conforming to UL758 method to test

4. Packing: 500ft per reel, Tolerance -1%

5. Country of Origin: Taiwan

P/N's & COLORS				
1332-XX-1-0500-001-1-TS BLACK	1332-XX-1-0500-002-1-TS WHITE	1332-XX-1-0500-003-1-TS YELLOW	1332-XX-1-0500-004-1-TS RED	1332-XX-1-0500-005-1-TS BLUE
1332-XX-1-0500-006-1-TS BROWN	1332-XX-1-0500-007-1-TS GREEN	1332-XX-1-0500-008-1-TS ORANGE	1332-XX-1-0500-011-1-TS GREEN + YELLOW	1332-XX-1-0500-012-1-TS GREY