

FEP Insulated Hook-Up Wire

UL Style 1332 AWM 200°C 300V



P/N: 1332-XX-1-0500-0XX-1-S 16-28 AWG

1332-XX-1-0100-0XX-1-TS 10-14 AWG

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranded 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 Nickel-Plated Strands	0.33	1.05 (±0.1)	300V	239
26AWG (0.12mm ²)	7/0.16 Nickel-Plated Strands	0.33	1.15 (±0.1)	300V	150
24AWG (0.22mm ²)	19/0.12 Nickel-Plated Strands	0.33	1.26 (±0.1)	300V	94.2
22AWG (0.33mm ²)	19/0.15 Nickel-Plated Strands	0.33	1.42 (±0.1)	300V	59.4
20AWG (0.53mm ²)	19/0.19 Nickel-Plated Strands	0.33	1.62 (±0.1)	300V	36.7
18AWG (0.84mm ²)	19/0.235 Nickel-Plated Strands	0.33	1.83 (±0.1)	300V	23.2
16AWG (1.25mm ²)	19/0.295 Nickel-Plated Strands	0.33	2.15 (±0.1)	300V	14.6
14AWG (2.1mm ²)	19/0.382 Tinned Strands	0.33	2.57 (±0.1)	300V	8.96
12AWG (3.3mm ²)	19/0.47 Tinned Strands	0.33	3.00 (±0.1)	300V	5.64
10AWG (5.3mm ²)	41/0.405 Tinned Strands	0.33	3.70 (±0.1)	300V	3.546

1. Surface Printing:

E534865  AWM 1332  AWG FEP 200°C 300V VW-1  AWM I A 200°C 300V FT1 YOSHIDA CABLE

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. Reel Length: 16-28AWG: 500ft, 10-14AWG: 100ft

5. Country of Origin: Taiwan

6. RoHS & REACH compliant

P/N's & COLORS 10 – 14AWG				
1332-XX-1-0100-001-1-TS BLACK	1332-XX-1-0100-002-1-TS WHITE	1332-XX-1-0100-003-1-TS YELLOW	1332-XX-1-0100-004-1-TS RED	1332-XX-1-0100-005-1-TS BLUE
1332-XX-1-0100-006-1-TS BROWN	1332-XX-1-0100-007-1-TS GREEN	1332-XX-1-0100-008-1-TS ORANGE	1332-XX-1-0100-011-1-TS GREEN + YELLOW	1332-XX-1-0100-012-1-TS GREY

P/N's & COLORS 16 – 28AWG				
1332-XX-1-0500-001-1-S BLACK	1332-XX-1-0500-002-1-S WHITE	1332-XX-1-0500-003-1-S YELLOW	1332-XX-1-0500-004-1-S RED	1332-XX-1-0500-005-1-S BLUE
1332-XX-1-0500-006-1-S BROWN	1332-XX-1-0500-007-1-S GREEN	1332-XX-1-0500-008-1-S ORANGE	1332-XX-1-0500-011-1-S GREEN + YELLOW	1332-XX-1-0500-012-1-S GREY