CnC Tech

FEP Insulated Hook-Up Wire
UL Style 1330 AWM 200°C 600V



P/N: 1330-XX-1-0500-0XX-1-S 16-28 AWG

1330-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	0.51	1.40 (±0.1)	600V	239
26AWG ($0.12mm^2$)	7/0.16 Nickel-Plated Strands	0.51	1.50 (±0.1)	600V	150
24AWG ($0.22mm^2$)	19/0.12 Nickel-Plated Strands	0.51	1.60 (±0.1)	600V	94.2
22AWG ($0.33mm^2$)	19/0.15 Nickel-Plated Strands	0.51	1.80 (±0.1)	600V	59.4
20AWG ($0.53mm^2$)	19/0.19 Nickel-Plated Strands	0.51	2.00 (±0.1)	600V	36.7
18AWG ($0.84mm^2$)	19/0.235 Nickel-Plated Strands	0.51	2.17 (±0.1)	600V	23.2
16AWG ($1.25mm^2$)	19/0.295 Nickel-Plated Strands	0.51	2.50 (±0.1)	600V	14.6
14AWG ($2.1mm^2$)	19/0.382 Tinned Strands	0.51	2.85 (±0.1)	600V	8.96
12AWG ($3.3mm^2$)	19/0.47 Tinned Strands	0.51	3.40 (±0.1)	600V	5.64
10AWG ($5.3mm^2$)	41/0.405 Tinned Strands	0.51	4.00 (±0.1)	600V	3.546

1. Surface Printing:

   E534865 AWM 1330 □□AWG FEP 200°C 600V VW-1 AWM I A 200°C 600V FT1 YOSHIDA CABLE

2. Insulation Material: FEP
3. Electrical and Physical character
   Rated Temperature: 200°C
   Rated Voltage: 600V
   Withstand voltage spark: 6KV/0.15sec

   Unaged: Elongation: 200% MPA: 17.2MPa
   Tensile Strength: 2500lbf/in^2 ↑

   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				
1330-XX-1-0100-001-1-TS BLACK	1330-XX-1-0100-002-1-TS WHITE	1330-XX-1-0100-003-1-TS YELLOW	1330-XX-1-0100-004-1-TS RED	1330-XX-1-0100-005-1-TS BLUE
1330-XX-1-0100-006-1-TS BROWN	1330-XX-1-0100-007-1-TS GREEN	1330-XX-1-0100-008-1-TS ORANGE	1330-XX-1-0100-011-1-TS GREEN + YELLOW	1330-XX-1-0100-012-1-TS GREY

P/N's & COLORS 16 – 28AWG				
1330-XX-1-0500-001-1-S BLACK	1330-XX-1-0500-002-1-S WHITE	1330-XX-1-0500-003-1-S YELLOW	1330-XX-1-0500-004-1-S RED	1330-XX-1-0500-005-1-S BLUE
`1330-XX-1-0500-006-1-S BROWN	1330-XX-1-0500-007-1-S GREEN	1330-XX-1-0500-008-1-S ORANGE	1330-XX-1-0500-011-1-S GREEN + YELLOW	1330-XX-1-0500-012-1-S GREY