CnC Tech

UL 1569 Hook-Up Wire

UL Style 1569 AWM 105°C 300V



P/N: 1569-XX-1-0500-0XX-1-TS 16-30AWG

1569-XX-1-0100-0XX-1-TS 10-14AWG

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)
30AWG ($0.05mm^2$)	7/0.102 Tinned Strands	0.38	1.10 (±0.1)	300V	381
28AWG ($0.08mm^2$)	7/0.127 Tinned Strands	0.38	1.20 (±0.1)	300V	239
26AWG ($0.14mm^2$)	7/0.16 Tinned Strands	0.38	1.30 (±0.1)	300V	150
24AWG ($0.22mm^2$)	11/0.16 Tinned Strands	0.38	1.40 (±0.1)	300V	94.2
22AWG ($0.33mm^2$)	17/0.16 Tinned Strands	0.38	1.60 (±0.1)	300V	59.4
20AWG ($0.53mm^2$)	21/0.18 Tinned Strands	0.38	1.80 (±0.1)	300V	36.7
18AWG ($0.84mm^2$)	34/0.18 Tinned Strands	0.38	2.10 (±0.1)	300V	23.2
16AWG ($1.25mm^2$)	26/0.254 Tinned Strands	0.38	2.40 (±0.1)	300V	14.6
14AWG ($2.08mm^2$)	41/0.254 Tinned Strands	0.38	2.65 (±0.1)	300V	8.96
12AWG ($3.31mm^2$)	65/0.254 Tinned Strands	0.38	3.15 (±0.1)	300V	5.64
10AWG ($5.261mm^2$)	105/0.254 Tinned Strands	0.38	4.20 (±0.1)	300V	3.546

1. Surface Printing:

   E534865 AWM 1569 □□AWG 105°C 300V VW-1 AWM I A 105°C 300V FT1 YOSHIDA CABLE

2. Insulation Material: PVC
3. Rated Temperature: 105°C
4. Rated Voltage: 300V
5. Electrical and Physical character

   Withstand voltage spark: 3KV/0.15sec

   Unaged: Elongation: 100%

   Tensile Strength: 1500lbf/in^2 ↑

   After aged: Tensile Strength: 136±1°C/ 168hr 70% ↑

   Elongation: 136±1°C/ 168hr 45% ↑

   Flame Test: FT1 : Conforming to UL758 method to test
6. Reel Length: 16-30AWG: 500ft, 10-14AWG: 100ft
7. Country of Origin: Taiwan
8. RoHS & REACH compliant

P/N's & COLORS 10 – 14AWG				
1569-XX-1-0100-001-1-TS BLACK	1569-XX-1-0100-002-1-TS WHITE	1569-XX-1-0100-003-1-TS YELLOW	1569-XX-1-0100-004-1-TS RED	1569-XX-1-0100-005-1-TS BLUE
1569-XX-1-0100-006-1-TS BROWN	1569-XX-1-0100-007-1-TS GREEN	1569-XX-1-0100-008-1-TS ORANGE	1569-XX-1-0100-011-1-TS GREEN + YELLOW	1569-XX-1-0100-012-1-TS GREY

P/N's & COLORS 16 – 30AWG				
1569-XX-1-0500-001-1-TS BLACK	1569-XX-1-0500-002-1-TS WHITE	1569-XX-1-0500-003-1-TS YELLOW	1569-XX-1-0500-004-1-TS RED	1569-XX-1-0500-005-1-TS BLUE
1569-XX-1-0500-006-1-TS BROWN	1569-XX-1-0500-007-1-TS GREEN	1569-XX-1-0500-008-1-TS ORANGE	1569-XX-1-0500-011-1-TS GREEN + YELLOW	1569-XX-1-0500-012-1-TS GREY