CnC Tech

Halogen Free Irradiated PE Wire
UL C(UL) Style 10368 AWM 105°C / 300V



P/N: 10368-XX-1-0500-0XX-1-TS

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 20°C)
32AWG ($0.032mm^2$)	7/0.08 Tinned Strands	0.27	0.78(±0.05)	300V	648.0
30AWG ($0.05mm^2$)	7/0.1 Tinned Strands	0.27	0.84(±0.10)	300V	381.0
28AWG ($0.08mm^2$)	7/0.12 Tinned Strands	0.27	0.92(±0.10)	300V	239.0
26AWG ($0.12mm^2$)	7/0.16 Tinned Strands	0.27	1.05(±0.10)	300V	150.0
24AWG ($0.22mm^2$)	11/0.16 Tinned Strands	0.27	1.15(±0.10)	300V	94.2
22AWG ($0.33mm^2$)	17/0.16 Tinned Strands	0.27	1.30(±0.10)	300V	59.4

1. Surface Printing:

   E534865 AWM 10368 □□AWG 105°C 300V AWM I A 105°C 300V FT2 YOSHIDA CABLE

   ∗ If OD smaller than 1.0mm no surface printing
2. Insulation Material: XL-PE
3. Electrical and Physical character

   Rated Temperature: 105°C

   Rated Voltage: 300V

   Withstand voltage spark: 3KV/0.15sec

   Unaged: Elongation: 150%

   Tensile Strength: 1500lbf/in^2 ↑

   After aged: Tensile Strength: 136±1°C / 168 hr 75%↑

   Elongation: 136±1°C / 168 hr 45%↑

   Flame Test: FT2 : Conforming to UL758 method to test
4. Reel Length: 500ft
5. Country of Origin: Taiwan
6. RoHS & REACH compliant

P/N's & COLORS				
10368-XX-1-0500-001-1-TS BLACK	10368-XX-1-0500-002-1-TS WHITE	10368-XX-1-0500-003-1-TS YELLOW	10368-XX-1-0500-004-1-TS RED	10368-XX-1-0500-005-1-TS BLUE
10368-XX-1-0500-006-1-TS BROWN	10368-XX-1-0500-007-1-TS GREEN	10368-XX-1-0500-008-1-TS ORANGE	10368-XX-1-0500-011-1-TS GREEN + YELLOW	