CnC Tech

FEP Insulated Hook-Up Wire

UL Style 10064 AWM 105°C 30V



P/N: 10064-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)
36AWG ($0.012mm^2$)	7/0.05 Tinned Strands	0.065	0.31 (±0.05)	30V	1530
34AWG ($0.02mm^2$)	7/0.06 Tinned Strands	0.07	0.34 (±0.05)	30V	956
32AWG ($0.032mm^2$)	7/0.08 Tinned Strands	0.07	0.40 (±0.05)	30V	583
30AWG ($0.05mm^2$)	7/0.1 Tinned Strands	0.10	0.50 (±0.05)	30V	381
28AWG ($0.08mm^2$)	7/0.12 Tinned Strands	0.12	0.60 (±0.05)	30V	239
26AWG ($0.12mm^2$)	7/0.16 Tinned Strands	0.12	0.72 (±0.05)	30V	150
24AWG ($0.22mm^2$)	7/0.2 Tinned Strands	0.12	0.84 (±0.05)	30V	94.2
22AWG ($0.33mm^2$)	7/0.254 Tinned Strands	0.12	1.00 (±0.05)	30V	59.4

1. Surface Printing:

   E534865 AWM 10064 □□AWG FEP 105°C 30V VW-1 AWM I A 105°C 30V FT1 YOSHIDA CABLE

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

   Rated Temperature: 105°C

   Rated Voltage: 30V

   Withstand voltage spark: 1KV/0.15sec

   Unaged: Elongation: 200%

   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: 500ft
5. Country of Origin: Taiwan
6. RoHS & REACH compliant

P/N's & COLORS				
10064-XX-1-0500-001-1-TS BLACK	10064-XX-1-0500-002-1-TS WHITE	10064-XX-1-0500-003-1-TS YELLOW	10064-XX-1-0500-004-1-TS RED	10064-XX-1-0500-005-1-TS BLUE
10064-XX-1-0500-006-1-TS BROWN	10064-XX-1-0500-007-1-TS GREEN	10064-XX-1-0500-008-1-TS ORANGE	10064-XX-1-0500-011-1-TS GREEN + YELLOW	