



Tinned Copper Conductor

FEP Insulation

P/N: 10064-XX-1-0500-0XX-1-TS

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm ²)	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage	Maximum Conductor Resistance Ω/km 20°C
36AWG (0.012mm ²)	7/0.05 Tinned Strands	0.065	0.30 (±0.05)	30V	1530
34AWG (0.02mm ²)	7/0.06 Tinned Strands	0.07	0.32(±0.05)	30V	956
32AWG (0.032mm ²)	7/0.08 Tinned Strands	0.07	0.38(±0.05)	30V	583
30AWG (0.05mm ²)	7/0.10 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	0.70(±0.05)	30V	150
24AWG (0.22mm ²)	7/0.20 Tinned Strands	0.12	0.80(±0.05)	30V	94.2
22AWG (0.33mm ²)	7/0.254 Tinned Strands	0.12	1.20(±0.05)	30V	59.4

1. Surface Printing:

E209277 cUL AWM STYLE 10064 105°C 30V AWG VW-1 3A AWM IA 105°C 30V FT1 AWG 3A LF

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/in² ↑

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

Elongation: 136±1°C/ 168hr 75% ↑

Flame Test VW-1 & FT1 : Conforming to UL758 method to test

4. Packing: 500ft per reel

5. Country of Origin: Taiwan

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	