



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

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm <sup>2</sup> )	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage	Maximum Conductor Resistance Ω/km 20°C
32AWG (0.032mm <sup>2</sup> )	7/0.08 Tinned Strands	0.27	0.78±0.05	300V	648.0
30AWG (0.05mm <sup>2</sup> )	7/0.102 Tinned Strands	0.27	0.84±0.05	300V	381.0
28AWG (0.08mm <sup>2</sup> )	7/0.127 Tinned Strands	0.27	0.92±0.05	300V	239.0
26AWG (0.14mm <sup>2</sup> )	7/0.16 Tinned Strands	0.27	1.02±0.1	300V	150.0
24AWG (0.22mm <sup>2</sup> )	7/0.203 Tinned Strands 11/0.16 Tinned Strands	0.27	1.15±0.1	300V	94.2
22AWG (0.33mm <sup>2</sup> )	17/0.16 Tinned Strands 7/0.254 Tinned Strands	0.27	1.30±0.1	300V	59.4

1. Surface Printing:

E209277 cUL AWM STYLE 10368 105°C 300V □□AWG 3A AWM IA 105°C 300V □□AWG FT2 3A LF

The printing marks only for reference there may be little difference on entity products

2. Insulation Material: XL-PE

3. Electrical and Physical Character

Rated Temperature: 105°C

Rated Voltage: 300V

Withstand voltage spark: 1KV/0.15sec

Unaged: Elongation: 150%

Tensile Strength: 1500lbf/in<sup>2</sup> ↑

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

Elongation: 136±1°C/ 168hr 45% ↑

Flame Test: FT2: Conforming to UL758 method to test

4. Packing: 500ft per reel

5. Country of Origin: Taiwan

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	