



P/N: 21458-XX-2-0500-0XX-1-TS

Conductor:			Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm ²)	No. of Conductors:	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage	Maximum Conductor Resistance Ω/km
26AWG (0.12mm ²)	2	7/0.16 Tinned Strands	0.38	1.3 * 2.6 (±0.10)	300V	135
24AWG (0.22mm ²)	2	11/0.16 Tinned Strands	0.38	1.45 * 2.9 (±0.10)	300V	86.3
22AWG (0.33mm ²)	2	17/0.16 Tinned Strands	0.38	1.6 * 3.2 (±0.10)	300V	55.9
20AWG (0.53mm ²)	2	21/0.18 Tinned Strands	0.38	1.8 * 3.6 (±0.10)	300V	36.7
18AWG (0.84mm ²)	2	34/0.18 Tinned Strands	0.38	1.94 * 3.88 (±0.10)	300V	23.2

1. Surface Printing:

E209277 cUL AWM STYLE 21458 80°C 300V AWG 3A AWM IA 80°C 300V AWG FT2 3A LF

2. Insulation Material: mPPE-PE

3. Insulation Color: Black/Red, Black/White, Red/White

4. Rated Temperature: 80°C

5. Rated Voltage 300V

6. Electrical and Physical character

Rated Temperature: 80°C

Rated Voltage: 300V

Withstand voltage spark: 3kv/0.15sec

Unaged: Elongation: 100%

Tensile Strength: 1500lbf/in² ↑

After aged: Tensile Strength: 113±1°C/ 168hr 70% ↑

Elongation: 113±1°C/ 168hr 65% ↑

Flame Test: FT2 : Conforming to UL758 method to test

7. Packing: 500ft per reel, Tolerance -1%

8. Country of Origin: Taiwan

P/N's & COLORS	Jacket Color
21458-XX-2-0500-0104-1-TS	Black / Red
21458-XX-2-0500-0102-1-TS	Black / White
21458-XX-2-0500-0402-1-TS	Red / White