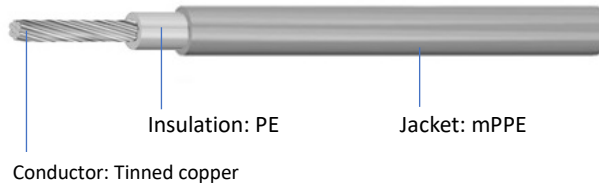


UL 11047 mPPE Double Insulated Hook-Up Wire

105°C 600V

UL Recognized: E209277



P/N: 11047-XX-1-0500-OXX-1-TS

Conductor		Insulation			Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm ²)	Composition No/Diameter of Component Wire (mm)	Thickness of Insulation (mm)	Thickness of Jacket (mm)	Overall Diameter (mm)	Rated Voltage V	Maximum Conductor Resistance (20°C)Ω/km
30AWG (0.05mm ²)	7/0.1 Copper strands	0.2	0.23	1.20 ± 0.1	600V	397.00
28AWG (0.08mm ²)	7/0.127 Copper strands	0.2	0.23	1.25 ± 0.1	600V	248.00
26AWG (0.12mm ²)	7/0.16 Copper strands	0.2	0.23	1.35± 0.1	600V	152.00
24AWG (0.22mm ²)	11/0.16 Copper strands	0.2	0.23	1.46 ± 0.1	600V	88.6
22AWG (0.33mm ²)	17/0.16 Copper strands	0.2	0.23	1.60 ± 0.1	600V	62.5
20AWG (0.53mm ²)	21/0.18 Copper strands	0.2	0.23	1.8 ± 0.1	600V	39.5
18AWG (0.84mm ²)	34/0.18 Copper strands	0.2	0.23	2.05± 0.1	600V	24.4
16AWG (1.25mm ²)	26/0.254 Copper strands	0.3	0.4	2.90± 0.15	600V	15.6
14AWG (2.1mm ²)	41/0.254 Copper strands	0.3	0.4	3.30± 0.15	600V	8.78
12AWG (3.3 mm ²)	65/0.254 Copper strands	0.3	0.4	3.80± 0.15	600V	5.53
10AWG (5.3 mm ²)	105/0.254 Copper strands	0.3	0.4	4.50± 0.15	600V	3.476

1. Surface Printing:

E209277  AWM STYLE 11047 105°C 600V  AWG 3A AWM IA 105°C 600V FT2 AWG 3A LF

2. Insulation Material: PE

3. Jacket Material: mPPE

4. Electrical and Physical character

Unaged:Elongation:175%

Tensile Strength: 3100lbf/in²

After aged:Test specimens being kept in an air oven with 136°C(±1°C) for 7days

Elongation:50% result of unaged test specimen

Tensile Strength: 85% result of the unaged test specimen.

Flame Test: FT2 Conforming to UL758 method to test

5. Using for: Wiring of lighting, Domestical heating appliance, Rotating machine

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

7. Country of Origin: Taiwan

P/N's & COLORS				
11047-XX-1-0500-001-1-TS BLACK	11047-XX-1-0500-002-1-TS WHITE	11047-XX-1-0500-003-1-TS YELLOW	11047-XX-1-0500-004-1-TS RED	11047-XX-1-0500-005-1-TS BLUE
11047-XX-1-0500-006-1-TS BROWN	11047-XX-1-0500-007-1-TS GREEN	11047-XX-1-0500-008-1-TS ORANGE		