



**Product:** [37104](#)

Lead Wire, #4 Str TC, EPDM Ins, AWM 3340 AWM 3374

[Request Sample](#)

**Product Description**  
Rubber Lead Wire, 4AWG (105x24) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

**Technical Specifications**

**Product Overview**

|                        |                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | Class 130(B), 155(F) and also in some 180(H) motor lead systems, high temperature, internal wiring of appliances |
|------------------------|------------------------------------------------------------------------------------------------------------------|

**Construction Details**

| Conductor    |                 |       |           |                    |
|--------------|-----------------|-------|-----------|--------------------|
| Element      | No. of Elements | Size  | Stranding | Material           |
| Conductor(s) | 1               | 4 AWG | 105x24    | TC - Tinned Copper |

| Insulation                                           |                   |                          |
|------------------------------------------------------|-------------------|--------------------------|
| Material                                             | Nom. Thickness    | Nom. Insulation Diameter |
| EPDM - Ethylene Propylene Diene Monomer              | 0.084 in (2.1 mm) | 0.432 in (11.0 mm)       |
| Overall Cable Diameter (Nominal): 0.432 in (11.0 mm) |                   |                          |

**Electrical Characteristics**

| Electricals        |                                |
|--------------------|--------------------------------|
| Nom. Conductor DCR | Max. Current                   |
| 0.279 Ohm/1000ft   | 192 Amps per Conductor at 30°C |

| Voltage                    |
|----------------------------|
| UL Voltage Rating          |
| 600 V (AWM 3340, AWM 3374) |

**Mechanical Characteristics**

| Temperature    |                 |
|----------------|-----------------|
| UL Temperature | Operating       |
| 150°C          | -55°C To +150°C |

| Bend Radius                    |                                                    |
|--------------------------------|----------------------------------------------------|
| Stationary Min.                | Installation Min.                                  |
| 4.32 in (110 mm)               | 4.32 in (110 mm)                                   |
| Max. Pull Tension:             | 532 lbs (241 kg)                                   |
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight:             | 187 lbs/1000ft                                     |

**Standards and Compliance**

|                                  |                  |
|----------------------------------|------------------|
| Environmental Suitability:       | Indoor, Outdoor  |
| Sustainability:                  | CA Prop 65       |
| Flammability / Reaction to Fire: | Horizontal flame |

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| AWM Compliance:                | AWM 3340, AWM 3374                                                                                            |
| CEC / C(UL) Compliance:        | CL-1254                                                                                                       |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)                                                                               |

Product Notes

|        |                                       |
|--------|---------------------------------------|
| Notes: | Separator Material over Conductor: Y, |
|--------|---------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.489 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #        | Color | Putup Type | Length   | UPC          | Footnote |
|---------------|-------|------------|----------|--------------|----------|
| 37104 010100  | Black | Reel       | 100 ft   | 612825146704 | C        |
| 37104 010250  | Black | Reel       | 250 ft   | 612825146728 | C F      |
| 37104 010500  | Black | Reel       | 500 ft   | 612825146735 | C F      |
| 37104 0101000 | Black | Reel       | 1,000 ft | 612825146711 | C        |

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