

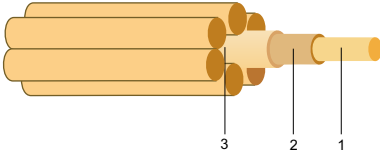


## MAGNET WIRE

# TERMALITZANEL™ 180°C

### DESCRIPTION

1. Soft copper round conductor.
2. Insulation based on a modified polyester resin.
3. Polyamide overcoat (nylon).



### APPLICATIONS:

- The TERMALITZANEL™ product is a set of enameled longitudinally stranded copper wires, with major application for electronic equipment with high frequencies present, e.g., radio, TV sets, sound systems, and communication equipment in general when a higher thermal class is required.

### THERMAL CLASS:

- 180 Class H

### PROPERTIES:

- Excellent dielectric strength.
- Excellent flexibility.
- Product designed for high temperature operation.
- The nylon overcoat provides an excellent resistance to abrasion and solvents.
- The “Litz” construction is designed to minimize power losses that occur in solid conductors due to the skin effect which is peculiar in high frequencies.
- Manufacturing flexibility; possibility to manufacture products with different number of wires and gauges, and different stranding pitches.
- For a particular application, please contact our technical department

### GENERAL RECOMMENDATIONS:

- Do not use for applications subject to excessive moisture conditions.
- Not solderable.

### COLORS:

- Amber (typical).
- For other colors, contact our Sales Department.

### SPECIFICATIONS:

- NEMA MW 76-C
- Conduxmex.

### CERTIFICATION:

- Quality system certified by: UL E87331

### ORDERING INFORMATION:

- TERMALITZANEL™ magnet wire, gauge, construction (single or double), number of wires, stranding pitch, quantity and packing\*.

SOLDALITZANEL™ MANUFACTURING RANGE			
MFG.		SINGLE	DOUBLE
Amber (typical)	Gauge	25 to 38 AWG	
	Conductor Diameter	0.099 to 0.450 mm (0.0039 to 0.0177")	
Other colors	Gauge	25 to 38 AWG	
	Conductor Diameter	0.099 to 0.450 mm (0.0039 to 0.0177")	
Pitch lay		8 to 52 AWG	
Max. number of wires		18	

Approximate data subject to normal manufacturing tolerances.

\* Standard product packing is in plastic reels: 6 1/2 P, 8 1/2 P, 10 12 P and 160 DIN.