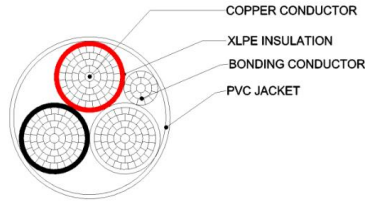


# NMD90 300V – Copper Conductors



## APPLICATION

For exposed and concealed wiring in dry or damp locations.

## CHARACTERISTICS

### Voltage Rating $U_0/U$ (Um)

300V

### Temperature Rating

-25°C to 90°C

## STANDARDS

CSA C22.2 No. 48, Nonmetallic sheathed cable  
 CSA C22.2 No. 38, Thermoset-insulated wires and cables  
 CSA C22.2 No. 2556, FT1 Vertical Propagation Flame Test

## THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

## SUSTAINABILITY COMMITMENT

Guowang Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustainable development.

## CONSTRUCTION

### Conductor

Stranded Bare Soft Copper, ASTM B8

### Insulation

Cross-linked Polyethylene (XLPE)

### Bonding Conductor:

Stranded Bare Soft Copper, ASTM B8

### Cable Assembly:

All conductors are cabled together

### Jacket:

Polyvinyl Chloride (PVC)

### Sheath Colour

- 3Core: Black, White, Red

NMD90 Copper 300V CSA

Power Conductor		Bonding Conductor	Insulation Thickness		Jacket Thickness		Cable Overall Diameter		Cable Weight		Ampacity
Conductor Count	AWG	AWG	in	mm	in	mm	in	mm	lbs	kg	A
2	8/7	10/1	0.045	1.14	0.045	1.1	0.498	12.6	193	287	55
2	6/7	10/1	0.045	1.14	0.045	1.1	0.608	15.4	287	426	75
2	4/7	8/7	0.045	1.14	0.060	1.5	0.750	19.1	431	641	95
2	3/7	8/7	0.045	1.14	0.080	2.0	0.844	21.4	558	831	115
2	2/7	8/7	0.045	1.14	0.080	2.0	0.906	23.0	662	985	130
3	8/7	10/1	0.045	1.14	0.045	1.1	0.529	13.4	256	381	55
3	6/7	10/1	0.045	1.14	0.045	1.1	0.647	16.4	383	570	75
3	4/7	8/7	0.045	1.14	0.060	1.5	0.797	20.3	586	873	95
3	3/7	8/7	0.045	1.14	0.080	2.0	0.895	22.7	747	1112	115
3	2/7	8/7	0.045	1.14	0.080	2.0	0.962	24.4	899	1338	130

NOTE: Ampacity values based on CE Code Part I 2024, Table 4. Correction factors may apply  
Dimensions and weights are nominal and subject to change without notice.

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.