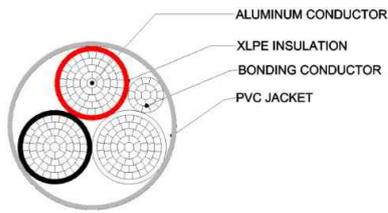


NMD90 300V – Aluminum Conductors



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

South 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 sustain-able development.

CONSTRUCTION

Conductor

Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation

Cross-linked Polyethylene (XLPE)

Bonding Conductor:

Stranded AA-8000 Series Aluminum Alloy (ACM)

Cable Assembly:

All conductors are cabled together

Jacket:

Polyvinyl Chloride (PVC)

Sheath Colour

● 3Core: Black, White, Red

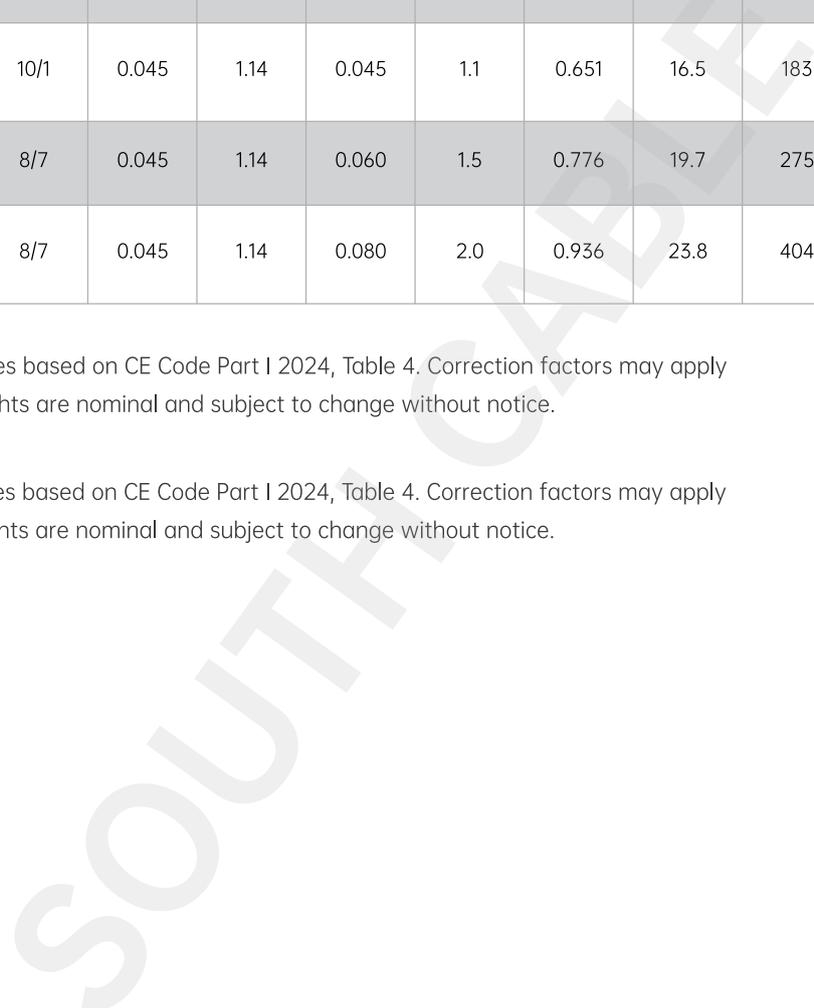
NMD90 300V – Aluminum Conductors

NMD90 Aluminum 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
8	10	10/1	0.045	1.14	0.045	1.1	0.535	13.6	123	183	45
6	8	10/1	0.045	1.14	0.045	1.1	0.651	16.5	183	272	55
4	6	8/7	0.045	1.14	0.060	1.5	0.776	19.7	275	409	75
2	6	8/7	0.045	1.14	0.080	2.0	0.936	23.8	404	601	100

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.

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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.