

Soft Copper mm2

SOFT COPPER 35 mm2



Nexans Ref.: P00014232-3
Country Ref.: 10000070

CONTACT

Local Sales
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APPLICATION

For grounding systems, directly buried, equipment protection and general purpose applications.

STANDARDS

PRODUCT

ASTM B3; ASTM B8; NTP 370.251

CONSTRUCTION

Conductor: Soft copper, class 2.

CROSS SECTION

From 6 mm2 up to 300 mm2.

PACKING

Non returnable wooden reels.

PRODUCT STANDARDS

NTP 370.251: Copper cables for overhead (bare or protected) and grounded.

CHARACTERISTICS

Construction characteristics

Conductor material	Soft copper
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Dimensional characteristics

Conductor cross-section	35 mm ²
Total number of wires	7
Wire diameter	2.51 mm
Conductor diameter	7.5 mm
Approximate weight	314 kg/km

Electrical characteristics

Max. DC resistance of the conductor at 20°C	0.514 Ohm/km
Perm current rating in air 30°C	229 A

Mechanical characteristics

Elongation	10 %
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Usage characteristics

Midspan	Yes
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CALCULATION OF CURRENT CONDITION SOFT COPPER

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Maximum conductor temperature : 75°C.

Ambient air temperature : 30°C.