Soft Copper mm2

SOFT COPPER 10 mm2





Nexans Ref.: P00014393-2
Country Ref.: 10000063

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
Dimensional characteristics	
Conductor cross-section	10 mm²
Total number of wires	7
Wire diameter	1.35 mm
Conductor diameter	4.0 mm
Approximate weight	90 kg/km
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	1.79 Ohm/km
Perm current rating in air 30°C	106 A
Mechanical characteristics	
Elongation	10 %
Usage characteristics	
Midspan	Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

CALCULATION OF CURRENT CONDITION SOFT COPPER

CALCULATION OF CURRENT CONDITION
Maximum conductor temperature : 75°C.
Ambient air temperature : 30°C.

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