

# RWU90 Copper INSTAGLIDE®

500(37) RWU90 CU BLK

## Contact

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(-40°C) EXELENE® XLPE Insulated Wire 1 kV 90°C Underground Service Entrance and Branch Circuit Wire

## DESCRIPTION

CSA File #LL23462 Class 5832 03

Single solid or compressed stranded copper conductor with low temperature moisture resisting EXELENE® cross-linked polyethylene (XLPE) insulation. Rated 1000 volts.

RoHS compliant.

Nexans INSTAGLIDE® reduced friction construction in copper sizes 6 AWG and larger, black and colours.

Colours: Standard colours are available.

## Application

- For direct earth burial (with protection as required by inspecting authority - direct buried installations must comply with CE Code Rules 12-012 and 4-004).
- For exposed wiring where exposed to weather with sunlight resistant insulation.
- Black and colours 6 AWG and larger are sunlight resistant and marked "SR".
- For service entrance above or below ground.
- Minimum recommended installation temperature minus 40°C (with suitable handling procedures).
- Maximum conductor temperature 90°C.

## CHARACTERISTICS

### Construction characteristics

Conductor material	Copper
Insulation	XLPE
Jacket Colour	Black
With Bonding Conductor	No

### Dimensional characteristics

Approximate net weight	2509.6 kg/km
Cable Diameter	25.24 mm
Conductor size (AWG)	500 MCM
Number of cores	1
Number of strands	37

### Electrical characteristics

Maximum operating voltage	1 kV
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### Usage characteristics

Maximum operating temperature	90 °C
Minimum installation temperature	-40 °C



## STANDARDS

National CSA C22.2 N° 38

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.

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