

RWU90 Copper INSTAGLIDE®

2(7) RWU90 CU BLK

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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.



STANDARDS

National CSA C22.2 N° 38

CHARACTERISTICS

Construction characteristics

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

Dimensional characteristics

Approximate net weight	367 kg/km
Cable Diameter	11.4 mm
Conductor size (AWG)	2 AWG
Number of cores	1
Number of strands	7

Electrical characteristics

Maximum operating voltage	1 kV
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Usage characteristics

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

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