

# RW90 Copper INSTAGLIDE®

8(7) RW90 CU BLK 600V/1KV

## Contact

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

## DESCRIPTION

CSA File #LL23462 Class 5832 03

Compact stranded AA-8000 series aluminum conductor material (ACM) per ASTM B801 Class B or ASTM B836 (Single Input Wire) with low temperature moisture resisting EXELENE® cross-linked polyethylene insulation. RoHS compliant.

## Application

For open wiring and raceways (except cabletroughs and ventilated flexible cableway) in dry or wet locations.

For exposed wiring where exposed to weather with sunlight resistant insulation. Black and colours 6 AWG and larger are sunlight resistant and marked "SR".

Minimum recommended installation temperature minus 40°C (with suitable handling procedures).

Maximum conductor temperature 90°C.

Approved for use with ceiling fixtures.



## 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	94 kg/km
Cable Diameter	6.0 mm
Conductor size (AWG)	8 AWG
Number of cores	1
Number of strands	7

### Electrical characteristics

Maximum operating voltage	600 V
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### Usage characteristics

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

## SELLING AND DELIVERY INFORMATION

Colours: Standard colours are available.

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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Non-jacketed RW90 (XLPE) cables are not suitable for installation in vaults and switchrooms under the conditions of CE Code Part 1 Rule 12-2202(3). Suitable flame retardant jacketed cables are available on request.