

RW90 Copper

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

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Nexans Ref.: 12001417
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EAN 13: 622089106352

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

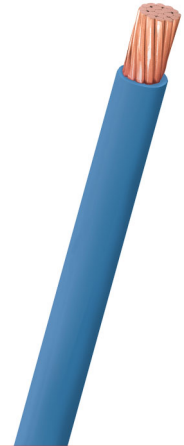
DESCRIPTION

CSA File #L23462 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 (XLPE) 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
Insulation Colour	Blue
With Bonding Conductor	No

Dimensional characteristics

Approximate Net Weight	94 kg/km
Cable Diameter	5.9 mm
Conductor Diameter (mm)	3.71
Conductor size (AWG)	8 AWG
Nominal insulation thickness	1.14 mm
Number of Conductors	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

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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SELLING AND DELIVERY INFORMATION

Colours: Standard colours are available.

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.