Belden



Product: 1275

RW90 1000V, 8 Str BC, XLPE Ins, 90C Dry/Wet CSA HL SUN RES

Product Description

RW90 1000V, 8 AWG Bare Copper, XLPE Insulation, 90C Dry/Wet CSA HL SUN RES

Technical Specifications

Product Overview

Suitable Applications:	CEC Power and Control Applications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	8	7x16	BC - Bare Copper

Insulation

Material	Nom. Thickness	Color Code
XLP, XLPO, XLPE (Thermoset)	0.046 in (1.2 mm)	black

Outer Jacket

Material
PVC - Polyvinyl Chloride

Overall Cable Diameter (Nominal):	0.234 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR
Conductor(s)	0.64 Ohm/1000ft (2.1 Ohm/km)

Voltage

UL Voltage Rating	Voltage Rating
1000 V RMS	1000 V (1000 V)

Mechanical Characteristics

Temperature

Operating	Installation
-40°C To +90°C	-25°C To +90

Bulk Cable Weight:	203 lbs/1000ft (302 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance, Burial
CEC / C(UL) Compliance:	RW90, C22.2 #230, #38
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.289 Revision Date: 10-07-2026

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