Product: 891441

HOOK-UP WIRE, 1C #14, Str, PVC, 300 V, AWM/STYLE 1569 105C, AWM/STYLE 1581 80C, VW-1, CSA AWM I A/B, CSA FT1, CSA TR-64

Product Description

HOOK-UP WIRE, 1 Conductor 14 AWG (41/30) TC - Tinned Copper, PVC Insulation, AWM/STYLE 1569 105C, AWM/STYLE 1581 80C, VW-1, CSA AWM I A/B, CSA FT1, CSA TR-64 AWM I A/B, FT1, TR-64 UL FT1, VW-1; CSA FT1

Technical Specifications

Product Overview

Suitable Applications:	Data, communication, audio, and low-level signal transmission; industrial networking, serial communication, control panels, automation equipment, and instrumentation systems.

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Insulated Wire	1	14 AWG	41x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Insulated Wire	PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.106 in (2.69 mm)	White

Outer Jacket

Nom. Diameter
0.106 in (2.69 mm)

Overall Cable Diameter (Nominal):	0.106 in (2.69 mm)

Electrical Characteristics

Electricals

Element	Nom. Inductance
Insulated Wire	0.04 µH/ft (0.13 µH/m)

Voltage

UL Voltage Rating	Voltage Rating
300 V (AWM 1569, AWM 1581)	300 V (CSA AWM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-40°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
0.6 in (15 mm)	0.8 in (20 mm)

Max. Pull Tension:	30 lbs (14 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT1 Loading, FT1
AWM Compliance:	AWM I A/B
CEC / C(UL) Compliance:	.
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.119 Revision Date: 08-29-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
891441 BK005	Black	Reel	100 ft
891441 BK002	Black	Reel	500 ft
891441 BK001	Black	Reel	1,000 ft
891441 BL005	Blue	Reel	100 ft
891441 BL002	Blue	Reel	500 ft
891441 BL001	Blue	Reel	1,000 ft
891441 BR005	Brown	Reel	100 ft
891441 BR002	Brown	Reel	500 ft
891441 BR001	Brown	Reel	1,000 ft
891441 GR005	Green	Reel	100 ft
891441 GR002	Green	Reel	500 ft
891441 GR001	Green	Reel	1,000 ft
891441 OR005	Orange	Reel	100 ft
891441 OR001	Orange	Reel	1,000 ft
891441 RD005	Red	Reel	100 ft
891441 RD002	Red	Reel	500 ft
891441 RD001	Red	Reel	1,000 ft
891441 SL005	Slate	Reel	100 ft
891441 SL001	Slate	Reel	1,000 ft
891441 VI005	Violet	Reel	100 ft
891441 WH005	White	Reel	100 ft
891441 WH002	White	Reel	500 ft
891441 WH001	White	Reel	1,000 ft
891441 YL005	Yellow	Reel	100 ft
891441 YL001	Yellow	Reel	1,000 ft

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