Product: 461219

HOOK-UP WIRE, 1C #12, Str, PVC, 600 V, AWM/STYLE 1015 105C, AWM/STYLE 1230 105C, MTW 90C, VW-1, TW 60C, CSA C(RU) AWM I A/B FT1, CSA C(RU) TEW

Product Description

HOOK-UP WIRE, 1 Conductor 12 AWG (19/.0185) BC - Bare Copper, PVC Insulation, AWM/STYLE 1015 105C, AWM/STYLE 1230 105C, MTW 90C, VW-1, TW 60C, CSA C(RU) AWM I A/B FT1, CSA C(RU) TEW C(RU) AWM I A/B FT1, C(RU) TEW UL VW-1

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	12 AWG	19x25	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Insulated Wire	PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.157 in (3.99 mm)	White

Outer Jacket

Nom. Diameter
0.157 in (3.99 mm)

Overall Cable Diameter (Nominal):	0.157 in (3.99 mm)

Electrical Characteristics

Electricals

Element	Nom. Inductance
Insulated Wire	0.05 µH/ft (0.16 µH/m)

Voltage

UL Voltage Rating	Voltage Rating
600 V (MTW, TW, AWM 1015, AWM 1230)	600 V (CSA AWM, TEW)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.
1.6 in (41 mm)

Max. Pull Tension:	165 lbs (74.8 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL VW-1, FT1
NEC / UL Compliance:	MTW
AWM Compliance:	AWM 1015, AWM 1230, 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: 0.103 Revision Date: 08-29-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
461219 BK005	Black	Reel	100 ft
461219 BK002	Black	Reel	500 ft
461219 BK001	Black	Reel	1,000 ft
461219 BL005	Blue	Reel	100 ft
461219 BL002	Blue	Reel	500 ft
461219 BL001	Blue	Reel	1,000 ft
461219 BR005	Brown	Reel	100 ft
461219 BR002	Brown	Reel	500 ft
461219 BR001	Brown	Reel	1,000 ft
461219 GR005	Green	Reel	100 ft
461219 GR002	Green	Reel	500 ft
461219 GR001	Green	Reel	1,000 ft
461219 OR005	Orange	Reel	100 ft
461219 OR002	Orange	Reel	500 ft
461219 OR001	Orange	Reel	1,000 ft
461219 RD005	Red	Reel	100 ft
461219 RD002	Red	Reel	500 ft
461219 RD001	Red	Reel	1,000 ft
461219 SL005	Slate	Reel	100 ft
461219 SL001	Slate	Reel	1,000 ft
461219 VI005	Violet	Reel	100 ft
461219 WH005	White	Reel	100 ft
461219 WH002	White	Reel	500 ft
461219 WH001	White	Reel	1,000 ft
461219 YL005	Yellow	Reel	100 ft
461219 YL002	Yellow	Reel	500 ft
461219 YL001	Yellow	Reel	1,000 ft

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.