



Product: [3051](#) 

HOOK-UP WIRE, 1C #22, Str, PVC, 300 V, AWM/STYLE 1007 80C, AWM/STYLE 1569 105C, VW-1, CSA TR-64, CSA FT1

Product Description

HOOK-UP WIRE, 1 Conductor 22 AWG (7/30) TC - Tinned Copper, PVC Insulation, AWM/STYLE 1007 80C, AWM/STYLE 1569 105C, VW-1, CSA TR-64, CSA FT1 TR-64, FT1 UL FT1, VW-1; CSA FT1; EN 60332-2 Flame Behavior

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.
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Insulated Wire	1	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Insulated Wire	PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.062 in (1.6 mm)	White

Outer Jacket

Nom. Diameter	0.062 in (1.6 mm)
Overall Cable Diameter (Nominal):	0.062 in (1.6 mm)

Electrical Characteristics

Electricals

Element	Nom. Inductance
Insulated Wire	0.06 μ H/ft (0.20 μ H/m)

Voltage

UL Voltage Rating	Voltage Rating
300 V (AWM 1007, AWM 1569)	300 V (CSA TR64)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	0.6 in (15 mm)
Max. Pull Tension:	32 lbs (15 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT1 Loading, FT1, IEC 60332-2-2
AWM Compliance:	AWM 1007AWM 1569
CEC / C(UL) Compliance:	.
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.120 Revision Date: 08-28-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
3051 BK005	Black	Reel	100 ft
3051 BK001	Black	Reel	1,000 ft
3051 BK013	Black	Reel	5,000 ft
3051 BL005	Blue	Reel	100 ft
3051 BL001	Blue	Reel	1,000 ft
3051 BL013	Blue	Reel	5,000 ft
3051 BR005	Brown	Reel	100 ft
3051 BR001	Brown	Reel	1,000 ft
3051 BR013	Brown	Reel	5,000 ft
3051 GR005	Green	Reel	100 ft
3051 GR001	Green	Reel	1,000 ft
3051 GR013	Green	Reel	5,000 ft
3051 GY005	Green/Yellow	Reel	100 ft
3051 GY001	Green/Yellow	Reel	1,000 ft
3051 OR005	Orange	Reel	100 ft
3051 OR001	Orange	Reel	1,000 ft
3051 OR013	Orange	Reel	5,000 ft
3051 PK005	Pink	Reel	100 ft
3051 PK001	Pink	Reel	1,000 ft
3051 RD005	Red	Reel	100 ft
3051 RD001	Red	Reel	1,000 ft
3051 RD013	Red	Reel	5,000 ft
3051 SL005	Slate	Reel	100 ft
3051 SL001	Slate	Reel	1,000 ft
3051 SL013	Slate	Reel	5,000 ft
3051 VI005	Violet	Reel	100 ft
3051 VI001	Violet	Reel	1,000 ft
3051 VI013	Violet	Reel	5,000 ft
3051 WH005	White	Reel	100 ft
3051 WH001	White	Reel	1,000 ft
3051 WH013	White	Reel	5,000 ft
3051 WB005	White/Black	Reel	100 ft
3051 WB001	White/Black	Reel	1,000 ft
3051 WU005	White/Blue	Reel	100 ft
3051 WU001	White/Blue	Reel	1,000 ft
3051 WN005	White/Brown	Reel	100 ft
3051 WN001	White/Brown	Reel	1,000 ft
3051 WG005	White/Green	Reel	100 ft
3051 WG001	White/Green	Reel	1,000 ft
3051 WO005	White/Orange	Reel	100 ft
3051 WO001	White/Orange	Reel	1,000 ft
3051 WR005	White/Red	Reel	100 ft
3051 WR001	White/Red	Reel	1,000 ft
3051 WS005	White/Slate	Reel	100 ft
3051 WS001	White/Slate	Reel	1,000 ft

3051 WV005	White/Violet	Reel	100 ft
3051 WV001	White/Violet	Reel	1,000 ft
3051 WY005	White/Yellow	Reel	100 ft
3051 WY001	White/Yellow	Reel	1,000 ft
3051 YL005	Yellow	Reel	100 ft
3051 YL001	Yellow	Reel	1,000 ft
3051 YL013	Yellow	Reel	5,000 ft
3051 YG001	Yellow/Green	Reel	1,000 ft

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