Alpha Wire

Product: 1855/19

HOOK-UP WIRE, 1C #22, Str, PVC, 600 V

Product Description

HOOK-UP WIRE, 1 Conductor 22 AWG (19/34) TC - Tinned Copper, PVC Insulation

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	22 AWG	19x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Insulated Wire	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.052 in (1.3 mm)	White

Outer Jacket

Nom. Diameter
0.052 in (1.3 mm)

Overall Cable Diameter (Nominal):	0.052 in (1.3 mm)

Electrical Characteristics

Electricals

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

Voltage

Voltage Rating
600 V (MIL-SPEC)

Mechanical Characteristics

Temperature

Operating
-55°C To +105°C

Bend Radius

Stationary Min.
0.5 in (13 mm)

Max. Pull Tension:	97 lbs (44 kg)

Standards and Compliance

Environmental Suitability:	Indoor

Sustainability:	CA Prop 65
CEC / C(UL) Compliance:	.
Military Compliance:	MIL-W-16878/1
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: 0.120 Revision Date: 08-28-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
1855/19 BK005	Black	Reel	100 ft
1855/19 BK001	Black	Reel	1,000 ft
1855/19 BL005	Blue	Reel	100 ft
1855/19 BL001	Blue	Reel	1,000 ft
1855/19 BR005	Brown	Reel	100 ft
1855/19 BR001	Brown	Reel	1,000 ft
1855/19 GR005	Green	Reel	100 ft
1855/19 GR001	Green	Reel	1,000 ft
1855/19 OR005	Orange	Reel	100 ft
1855/19 OR001	Orange	Reel	1,000 ft
1855/19 RD005	Red	Reel	100 ft
1855/19 RD001	Red	Reel	1,000 ft
1855/19 SL005	Slate	Reel	100 ft
1855/19 SL001	Slate	Reel	1,000 ft
1855/19 VI005	Violet	Reel	100 ft
1855/19 VI001	Violet	Reel	1,000 ft
1855/19 WH005	White	Reel	100 ft
1855/19 WH001	White	Reel	1,000 ft
1855/19 WB005	White/Black	Reel	100 ft
1855/19 WB001	White/Black	Reel	1,000 ft
1855/19 WU005	White/Blue	Reel	100 ft
1855/19 WU001	White/Blue	Reel	1,000 ft
1855/19 WN005	White/Brown	Reel	100 ft
1855/19 WN001	White/Brown	Reel	1,000 ft
1855/19 WG005	White/Green	Reel	100 ft
1855/19 WG001	White/Green	Reel	1,000 ft
1855/19 WO005	White/Orange	Reel	100 ft
1855/19 WO001	White/Orange	Reel	1,000 ft
1855/19 WR005	White/Red	Reel	100 ft
1855/19 WR001	White/Red	Reel	1,000 ft
1855/19 WS005	White/Slate	Reel	100 ft
1855/19 WS001	White/Slate	Reel	1,000 ft
1855/19 WV005	White/Violet	Reel	100 ft
1855/19 WV001	White/Violet	Reel	1,000 ft
1855/19 WY005	White/Yellow	Reel	100 ft
1855/19 WY001	White/Yellow	Reel	1,000 ft
1855/19 YL005	Yellow	Reel	100 ft
1855/19 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.