

Hook-Up Wire



1000/300 V, Irradiated PVC Wire

Soldering Iron Resistant



MIL-DTL-16878/2 (Type C)
(1000 V)
UL AWM 1430 (300 V)
CSA REW XLPVC FT1 (300 V)

-55°C to +105°C

Stranded tinned copper
conductor

Irradiated PVC insulation

Availability

100 ft (30.5 m)

1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Colors
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm	
7130	24	0.23	7/32	7 x 0.20	0.016	0.41	0.056	1.42	1 - 10, 29
7131	22	0.35	7/30	7 x 0.25	0.016	0.41	0.062	1.57	1 - 10
7132	20	0.56	7/28	7 x 0.32	0.016	0.41	0.070	1.78	1 - 10
7133	18	0.89	7/26	7 x 0.40	0.016	0.41	0.080	2.03	1 - 10, 29
7134	16	1.32	19/0.0117	19 x 0.30	0.016	0.41	0.088	2.24	1 - 10, 29
7035*	14	2.07	19/0.0147	19 x 0.37	0.016	0.41	0.103	2.62	1 - 10, 29
7036*	12	3.29	19/0.0185	19 x 0.47	0.016	0.41	0.122	3.10	1 - 10, 29

Insulation Colors: 1 White • 2 Black • 3 Red • 4 Green • 5 Yellow • 6 Blue • 7 Brown • 8 Orange • 9 Slate • 10 Violet • 29 Yellow/Green

600/150 V, Irradiated PVC Wire

Soldering Iron Resistant



MIL-DTL-16878/1 (Type B)
(600 V)
UL AWM 1429 (150 V)
CSA AWM I A/B FT1 (150 V)

-55°C to +105°C (MIL)

-55°C to +80°C (AWM, CSA)

Stranded tinned copper
conductor

Irradiated PVC insulation

Availability

100 ft (30.5 m)

1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter	
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm
7053	26	0.14	7/34	7 x 0.16	0.010	0.25	0.039	0.99
7054	24	0.23	7/32	7 x 0.20	0.010	0.25	0.044	1.12
7054/19	24	0.24	19/36	19 x 0.13	0.010	0.25	0.045	1.14
7055	22	0.35	7/30	7 x 0.25	0.010	0.25	0.050	1.27
7055/19	22	0.38	19/34	19 x 0.16	0.010	0.25	0.052	1.32
7056	20	0.56	7/28	7 x 0.32	0.010	0.25	0.058	1.47
7056/19	20	0.62	19/32	19 x 0.20	0.010	0.25	0.060	1.52
7057	18	0.90	7/26	7 x 0.40	0.010	0.25	0.068	1.73
7057/19	18	0.96	19/30	19 x 0.25	0.010	0.25	0.070	1.78
7058/19	16	1.32	19/0.0117	19 x 0.30	0.010	0.25	0.076	1.93

Insulation Colors: White • Black • Red • Green • Yellow • Blue • Brown • Orange • Slate • Violet

The cables you trust. The service you deserve.

Every application is critical and wire failure is not an option when the safety of your equipment and personnel is paramount. Specify Alpha hook-up wire for harsh environments and crucial applications; since the integrity of your system is only as robust as the products you use.

Superior availability

Alpha offers hook-up wire from stock in most sizes and constructions, in both small and large put-ups, so you can order it when you need it. Our products are available for same-day shipment, eliminating long lead times.

Service and support, second-to-none

Selecting the correct wire for your critical application is essential to overall system reliability, performance, and safety. So we make it easy for you select the right Alpha hook-up wire for your specific application.

Our online resources include a wire and cable selection guide, technical information, full product catalog, and a distributor locator to make it easy to select and get the cable you need. Can't find what you're looking for? Design the cable to your specification, it's easy, just visit **www.alphawire.com**!

