



The Friendly Alternative to PVC

Alpha Wire's new EcoWire



Finally, a performance wire that won't compromise the environment

EcoWire uses flexible insulation to provide an environmentally friendly alternative to PVC. It is a modified polyphenylene ether (mPPE) thermoplastic that is inherently lighter, tougher and much smaller with better flame resistance than PVC.

The result is UL AWM wires that are smaller than their PVC based counterparts. The non-halogenated insulation contains no heavy metal pigments, allowing it to help manufacturers to meet Waste Electrical and Electronic Equipment (WEEE) requirements.

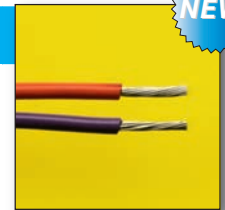
Selecting the correct cable for your critical application is essential to overall system reliability, performance, and safety. So we make it easy for you select the right Alpha cable for your specific application. Our online resources include a wire and cable selection guide, technical information, full product catalog, and a distributor locator to make it easy to select and get the cable you need.

Alpha Wire – Cable you can trust



EcoWire™ UL11028 Style Single Core Hook-Up Wires

NEW!



Application:
These wires are used in small equipment or for data transmission up to 600 volts. These cables are internationally recognised.

PART NUMBER		Colour	Nominal Conductor Size AWG	Nominal Conductor Stranding #/AWG	Insulation Thickness	Overall Dia.	Unit Quantity (Reels)
Reel Length 30.5m (100 ft)	Reel Length 305m (1,000 ft)						
8620001	8621001	See Key Below	28	7/36	0.24	0.86	1
8620002	8621002	See Key Below	26	7/34	0.24	0.97	1
8620003	8621003	See Key Below	24	7/32	0.24	1.09	1
8620004	8621004	See Key Below	22	7/30	0.24	1.24	1
8620005	8621005	See Key Below	20	10/30	0.24	1.40	1
8620006	8621006	See Key Below	18	16/30	0.24	1.70	1
-	8621011	See Key Below	18	Solid	0.24	1.50	1
8620007	8621007	See Key Below	16	26/30	0.28	2.06	1
8620008	8621008	See Key Below	14	41/30	0.28	2.44	1
-	8621012	See Key Below	14	Solid	0.28	2.18	1
8620009	8621009	See Key Below	12	65/30	0.30	2.97	1
8620010	8621010	See Key Below	10	105/30	0.30	3.61	1

Colour Key: -01 = White -02 = Black -03 = Red -04 = Green -05 = Yellow -06 = Blue
 -07 = Brown -08 = Orange -09 = Grey -10 = Violet -12 = Green/Yellow

To specify the required colour, add this suffix to the end of the part numbers shown in the table above:- i.e. 8620001-01 = White, 28 AWG wire

Specifications:

- **Reel Length:** See Table
- **Conductor:** Flexible tinned copper
- **Insulation:** Modified Polyphenylene ether - **Halogen Free**
- **Standards:** UL AWM Styles 11028, CSA C(RU) AWM I A/B FT1
- **Fire Performance:** Flame retardant to VW-1
- **Temp Rating:** -40°C to +105°C
- **Voltage Rating:** 600 volts

RoHS Directive 2002/95/EC compliant **RoHS ✓**

Alpha Wire's new EcoWire is the latest innovation in hook-up wire. A true engineering breakthrough, EcoWire achieves increased performance in a wire that is fully recyclable.

EcoWire derives its advantage from patented Noryl* insulation, a modified polyphenylene ether (mPPE) thermoplastic. Noryl is non-halogenated and contains no heavy metal pigments, allowing it to help manufacturers meet Waste Electrical and Electronic Equipment (WEEE) requirements.

In addition to its ecological benefits, EcoWire brings many performance advantages, including:

- Better dielectric strength
- Wide temperature range that meets VW-1
- Low specific gravity
- More durable with up to 10x better abrasion and pinch resistance
- Up to 45% smaller diameter
- Up to 40% lighter
- Fully Recyclable

*Noryl is a registered trademark of Sabic Innovative Plastics

