



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



EcoFlex® PUR

Reduced Diameter, Oil Resistant,
Halogen-Free Flex Cable



AlphaWire

Cables you trust. Service you deserve.



Get the abrasion, UV, and oil resistance of a tough halogen-free polyurethane jacket in a flex cable that's up to 40% smaller and 44% lighter than other 600 V flexible cables

Compared to other 600 V flex cables, our new EcoFlex PUR cables save you significant space while also offering increased durability. By combining space- and weight-saving mPPE insulation with a tough PUR jacket, EcoFlex PUR cables are not only up to 40% smaller and 44% lighter, they are also tough enough for demanding applications in industrial machinery, mining, and outdoor applications. The halogen-free PUR jacket offers exceptional abrasion resistance, resists oils and UV radiation, and still remains flexible at low temperatures.

- Up to 40% smaller and 44% lighter
- 8 million flex cycles (and still counting)
- -40°C to +90°C temperature range
- Flexible at low temperatures
- Unshielded or braid shielding
- Sizes from 28 to 10 AWG
- Meets UL Oil Res 1
- Halogen free
- Lead free
- Antimony free
- RoHS compliant
- REACH compliant

Alpha Wire

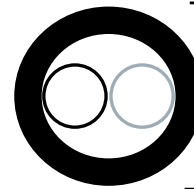
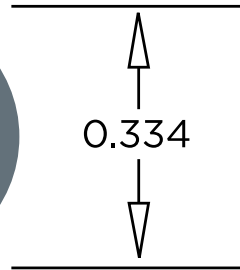
US/International: 1-800-52 ALPHA | Europe: 01 932 772 422 | Asia Pacific: +86-21-61498201/61498205
www.alphawire.com | info@alphawire.com

EcoFlex PUR Cable

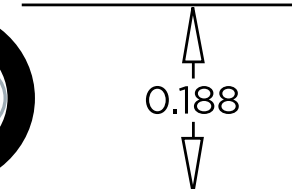
20 AWG 2 Conductor Cable



Traditional PUR Cable



EcoFlex® PUR



Specifications

- 28 to 10 AWG
- 2 to 42 conductors
- Unshielded or braid shielding

Operating Temperature

- -40°C to +90°C

Materials

- Conductors: Finely stranded bare copper
- Insulation: mPPE
- Shielding: Bare copper braid, 60%-90% coverage
- Jacket: PUR, zero halogen, black or slate

Bend Radius

- Static: 4x
- Dynamic: 6x

Conductor Color Coding

- Black, numbered
- One green/yellow conductor

Chemical Properties

- Lead free
- Halogen free
- Antimony free

Electrical Properties

- 600 V (UL)

Approvals

- UL AWM 21959 (90°C / 600 V_{RMS})
- UL Oil Res 1
- UL Sunlight Resistant
- CSA AWM I/II A/B FT2
- EN60332-1 Flame Behavior
- EN60332-2 Flame Behavior
- EN60754-2 Acid Gas Generation
- EU Low Voltage Directive 2006/95/EC

Availability

- 1000'
- Made to order



Alpha Wire's next generation of eco-friendly, high-performance wire and cable, designed to provide better performance in a smaller package.

- EcoCable®
- EcoFlex® Cable
- EcoCable® Mini
- EcoWire®
- EcoWire® Plus
- EcoFlex® PUR

Learn more about the new EcoGen family of products at www.alphawire.com/EcoGen

GLOBAL HEADQUARTERS
711 Lidgerwood Avenue
Elizabeth, NJ 07207-0711 USA
Toll Free: 1-800-52 ALPHA
Tel: 1-908-925-8000
Fax: 1-908-925-5411
E-mail: info@alphawire.com

EUROPE
Alpha Wire International
Saxon House
1 Downside | Sunbury-on-Thames
Middlesex | United Kingdom | TW16 6RT
Tel: 01 932 772 422
Fax: 01 932 772 433
E-mail: europe@alphawire.com

ASIA PACIFIC
Alpha Wire
Silver Center | Room 1708
North Shanxi Road 1388
Shanghai | China | 200060
Tel: +86-21-61498201/61498205
Fax: +86-21-61498001
E-mail: apac@alphawire.com



AlphaWire

Cables you trust. Service you deserve.