

# EcoWire Metric

## Hook-up Wire



### Alpha's Solution

Metric EcoWire® hook-up wire is a smaller, lighter alternative to PVC. The modified polyphenylene ether (mPPE) thermoplastic insulation provides better performance than PVC in a more compact, eco-friendly package.



### Key Features

- Size 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup>
- Stranded tinned copper conductor
- mPPE Insulation
- 45% smaller and 40% lighter
- no halogens, phthalates, or heavy metal
- 100% recyclable
- Color: White, Black, Red, Green, Yellow, Blue, Brown, Orange, Violet, Green/Yellow

### Applications

- Internal wiring of electrical appliances
- Internal wiring of electronics and electrical equipments
- Internal wiring of industrial machine tools and equipments
- Internal wiring of electric tools
- Internal Wiring of medical equipment

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### Technical Specification

#### Conductor Material:

Stranded tinned copper

#### Insulation Material:

Modified polyphenylene ether (mPPE)

#### Insulation Color:

White, Black, Red, Green, Yellow, Blue, Brown, Orange, Violet, Green/Yellow

#### Flame Retardancy:

UL AWM 11028, UL VW-1

#### Voltage Rating:

600 V

#### Temperature Range:

-40°C ~ 150°C

#### Put Ups:

50m, 100m, 300m



#### Standards:

- UL AWM 11028, UL VW-1
- CSA AWM 1 A/B FT1
- IEC 60332-2
- RoHS & REACH & CE Directives

#### Further Assistance:

Please contact your Alpha Wire representative or browse our website

[WWW.ALPHAWIRE.COM](http://WWW.ALPHAWIRE.COM)