

Metric EcoWire®
Hook-Up Wire



Smaller. Lighter. **100% Recyclable.**



AlphaWire

Cables you trust. Service you deserve.

Metric EcoWire® Hook-Up Wire

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.









SPECIFICATIONS

Part No.	Size	Stranding	Insulation Thickness	Nominal Diameter
	mm ²	mm	mm	mm
67025	0.25	32/0.10	0.25	1.14
67050	0.50	28/0.16	0.25	1.43
67075	0.75	42/0.16	0.25	1.65
67010	1.00	56/0.16	0.28	1.88
67150	1.50	84/0.16	0.28	2.18
67250	2.50	140/0.16	0.31	2.71

Conductors	Stranded tinned copper
Insulation	Modified polyphenylene ether (mPPE)
Voltage	600 volts
Temperature Range	-40°C to +105°C
Lengths	50 m (164 ft) 100 m (328 ft) 500 m (1640 ft)
Colors	White Black Red Green Yellow Blue Brown Orange Violet Green-Yellow

APPROVALS

C(RU) AWM I A/B FT1	C(RU)	UL AWM 11028	UL VW-1	CE	IEC 60332-2	RoHS compliant	Reach compliant
							

Smaller 45% smaller





The stronger dielectric properties of mPPE allow for a reduced wall thickness while maintaining the same insulating properties of PVC. EcoWire's diameter is up to 45% smaller than equivalent wires.

Lighter 40% lighter

The 1.03 specific gravity of mPPE is 25% to 40% lower than other insulation materials. Along with the reduced wall thickness, the lower specific gravity yields significant weight savings of up to 40%.

Environmentally friendly 100% recyclable

No halogens, phthalates or heavy metals; meets RoHS and WEEE requirements for the elimination of hazardous substances and recyclability.

	PVC leading competitor	EcoWire 1.5 mm ²
Voltage	600V	600V
Temperature Range	-20°C to +105°C	-40°C to +105°C
Insulation Thickness	0.79 to 0.81 mm (0.031" to 0.032")	0.24 to 0.32 mm (0.010" to 0.012")
Nominal Diameter	1.30 to 4.10 mm (0.051" to 0.161")	1.14 to 2.71 mm (0.045" to 0.107")
Halogen Free	No	Yes
Front View 1.5 mm² (15 AWG Wire)		
Side View 1.5 mm² (15 AWG Wire)		



THE CABLES YOU TRUST. THE SERVICE YOU DESERVE.

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