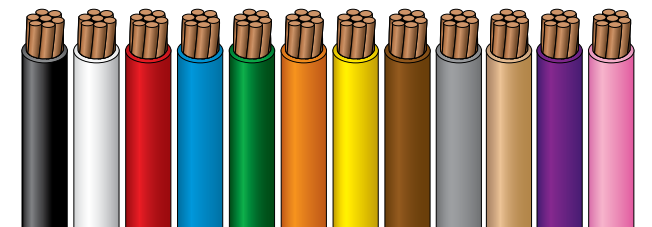


NO CONDUIT

No Problem

Underground power distribution without conduit.

USE-2 is designed for underground power distribution where cable is directly buried in the ground or encased in concrete. It features a thicker XLPE insulation for protection against arc over, moisture, abrasion, and environmental degradation. Dual rated 600V/1kV, with optional VW-1 rating for extra flame resistance and tinned for corrosion resistance. Available as a twisted assembly for easy install from a single reel.



USE-2 or RHW-2 | 600V/1kV Copper
#14 AWG – 750 Kcmil

DIRECT BURIAL

Thermoset Single Conductors

THE BENEFITS



Direct Burial Rated

Can be directly buried in the ground or encased in concrete without conduit.



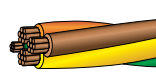
Cost & Labor Savings

No conduit and easy installation saves you time and money.



Large Inventory

Wide range of sizes and colors stocked in 500', 1,000', 2,500', and 5,000' put-ups.



Pre-Fab Twisted

Available as twisted assembly for even faster installation from a single reel.



DEPENDABLE LEAD TIMES

Eliminate inventory and ship direct to the jobsite with quick lead times and dependable, damage-free delivery from any of our nationwide manufacturing facilities.

Underground Power Distribution—Without Conduit.

Like XHHW-2, USE-2 is insulated with XLPE, a superior thermoset material. It has all of the benefits of XHHW-2, but features thicker insulation, giving it added durability for direct burial applications.

	THHN-2	XHHW-2	USE-2
	Thermoplastic ² Insulation	Thermoset ¹ Insulation	Thermoset ¹ Insulation
Direct Burial Rated	NO	NO	YES
Concrete Encased Rated	NO	NO	YES
Capacitance	POOR	GOOD	BETTER
Abrasion Resistance	POOR	GOOD	BETTER
Minimum Temperature Rating	-10°C	-40°C	-40°C

¹Thermoset: A material that has been vulcanized by heat or other means and is substantially infusible and insoluble.

²Thermoplastic: A material that can be softened repeatedly by heating, and that can stiffen at temperatures lower than 10°C.

· Thermoplastic not recommended for DC applications.

Comparison information gathered from NEC, UL 44, UL 83, and other industry standards.

“Service Wire is always quick to respond and the majority of wire we need is in stock.”

PURCHASING MANAGER
Distributor

TESTIMONIALS

“I’ve had nothing but great experiences with Service Wire’s people and products.”

– SPECIFYING ENGINEER

“Quality wire—and the lead times and availability keep us coming back.”

– ELECTRICAL CONTRACTOR

APPLICATIONS:

HEAVY
COMMERCIAL

Data Centers
EV Infrastructure
Energy Storage (BESS)
Roadway

INDUSTRIAL

Microgrids

UTILITY

Underground Power

RENEWABLE

Solar Array



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