

ServicePlex™ vs. Paralleling

Service Wire Company has an updated labor savings solution for commercial and industrial applications. Service Wire's XHHW-2 conductors are twisted together. ServicePlex™ has quick dependable lead times through one of our nationwide locations.

Engineered ServicePlex™ Advantages:

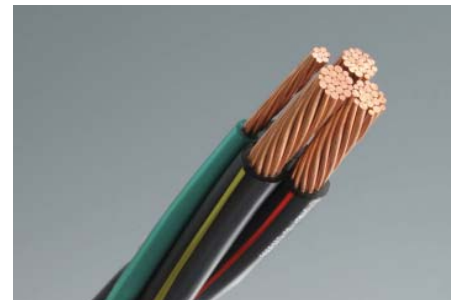
- **Solid or Striped Phases** - are safer and quicker than using phasing tape and identifies voltage system for various applications.
- **Combined Assembly** - phase conductors and ground conductor(s) (bare or insulated) can be twisted together for a complete uniform pull, saving time and labor.
- **Voltage Drop** - is less than single runs and/or paralleled cables.
- **Factory Tested Product** - Service Wire can provide the end-user with certified test results on the ServicePlex™ finished product. Parallel constructions are not tested.

Ease of Pull:

- **Unified Diameter of the Assembly** - ensures that ServicePlex™ virtually eliminates jamming in conduit, which is a common problem in paralleled cables.
- **Uniform Pulling Tension** - on all conductors provides a more stable pull resulting in lower pulling tensions. Less chance of damage during installation due to sidewall crush.
- **Coefficient of Friction** - is lower due to the less surface area coming into direct contact with the inner wall of the conduit (paralleled wire friction is greater since at least two conductors are always in contact with the conduit).
- **Same Length** - ServicePlex™ will not end up with one short leg at the end of the pull.

In the Field:

- **Minimizes number of reels at a job site** - Less storage space. Easier to secure
- **Pulling of Reel** - You only will pull one reel of ServicePlex™ vs. four or five reels of single conductor, which will significantly reduce installation time and labor.



“The results are better than I imagined. We were able to pull six miles of wire, through over 31,000’ of pipe, during the month of January. The fact that all the wire pulled was done with only one day of overtime during the whole month, virtually cut the pulling crew required in half.”

-Andy Brown, Fisk Electric
Job Site Foreman

“ This is more wire pulled in this amount of time than on any other project I have ever worked on. ServicePlex™ is ten times more efficient than paralleled wire from set up through installation. The pull is unbelievable, and I was impressed that the wire showed up in pristine condition and thought it was a great system.”

-Fred Woodard, Fisk Electric
Construction Manager

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