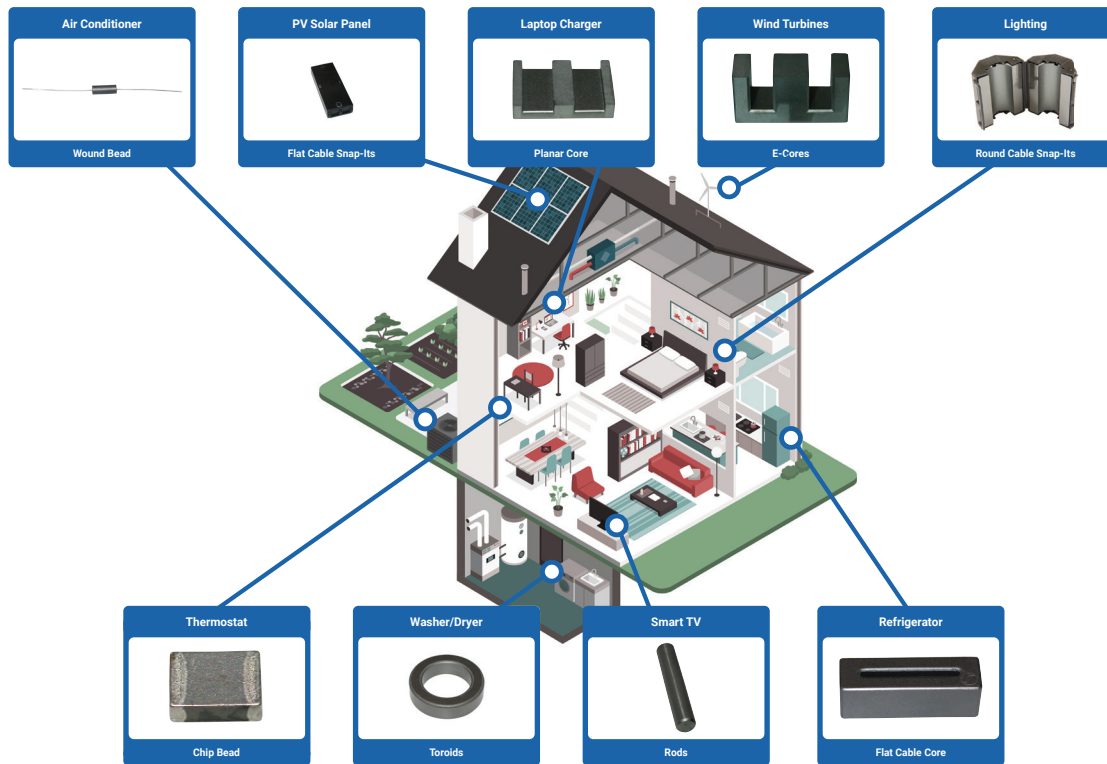


# FAIR-RITE SMART HOME SOLUTIONS

## COMMON SMART HOME USES



The technology within the average household is on the rise, and with it, the desire to mitigate the effects of electromagnetic interference (EMI). Household appliances and devices continue to become more sophisticated and numerous, providing evolving challenges to keep electronic noise to a minimum. With over 65 years of experience at our disposal, Fair-Rite Products Corp. is **Your Signal Solution®**. Fair-Rite is a registered ISO 9001 and IATF 16949 company that can provide high quality components at competitive prices to solve the customer's electromagnetic compliance (EMC) needs, and with both foreign and domestic manufacturing facilities. Fair-Rite can ensure a resilient supply chain for all our customers.

Today's home is brimming with technology inside and outside. The following are some examples of ferrites found in a number of everyday devices and appliances:

### INSIDE

- **Laptop Charger:** Planar Cores
- **Lighting and Light Fixtures:** Round Cable Snap-its
- **Thermostat:** Chip Beads
- **Washer/Dryer:** Toroids
- **Smart TV:** Rods
- **Refrigerator:** Flat Cable Cores

### OUTSIDE

- **Air Conditioner Units:** Wound Beads
- **PV Solar Panels:** Flat Cable Snap-its
- **Wind Turbines:** E-Cores

As technology continues to integrate itself into the average household, the need for ferrites and EMI mediation will become increasingly important. Whether it is a simple table lamp on a desk or an entire solar array in the backyard, Fair-Rite is ready to meet the customer's needs. With our engineering team and Machine Shop we can produce custom components to **DESIGN, DEVELOP, and DELIVER** to the customer's needs.

For more information on common applications, visit our website:  
[www.fair-rite.com](http://www.fair-rite.com)