


Advantages of ARMOR-TEK™ Interlock Armored Cable



From cable longevity, to flexibility and physical security, Leviton interlock armored cable offers industry-leading performance.



Leviton has perfected the transition from flat aluminum to a curved profile, resulting in a stronger interlock.

- ARMOR-TEK is able to flex in a tighter bend radius due to greater grip between each wrap of the aluminum “s” curve around the core
- Able to be pulled over sharper edges and repeatedly flexed without becoming unraveled
- Increases pull strength of the armor in a curved pull

Rolling over 90-degree bends during installation, in some products, may cause interlocking armor to unravel under tensile load, leaving it susceptible to sharp metal edges and rodent attack. Leviton armored cable is designed to withstand these type of rigors during installation to offer maximum protection of the fiber cable.

Note: Leviton's quoted bend radii (long term min bend: 10 x OD) are conservative in comparison to actual performance.

Added protection against abrasive damage, which may occur when a fiber cable comes into contact with a sharp object during installation.

Reduces risk of exceeding minimum **bend radius** during installation and long-term placement.

Added protection against inadvertent or deliberate cable damage, and damage caused by rodents.

Allows for more robust J-Hook installation. Unlike pliable, all-dielectric cable, armored fiber reduces the core cable bend across the J-Hook, preventing deformation of internal fiber components.

Metallic armoring protects against snooping by shielding access to the core cable.

Protects from damage caused by compressive loads that large bundles can exert on internal cable components.

Eliminates the need for innerduct, conduit, or cable tray **saving significant material and labor costs**. Relative to plenum innerduct, interlock armor offers up to 40% cost savings at final install, compared to the traditional, two-step method of installing innerduct, then pulling cable. Interlock armor also allows for quick rerouting of cable should moves, adds, or changes be necessary.