



Grounding Standards for Armored Optical Cable Connectors

Any cable that includes any conductive metal must be properly grounded and bonded in conformance with the comprehensive references to the National Electrical Code (NEC), ANSI and IEEE and NFPA ...

Some of Leviton's cables contain metallic armor, which acts as a conduit path and protection for the cable. This armor, which is a non-current-carrying metallic member, must be bonded to the earth ...

In installations where an optical fiber cable is exposed to contact with electric light or power conductors and the cable enters the building, the non-current-carrying metallic members shall ...

Conductive cables such as metallic-armored cable or hybrid cables with both conductors and fibers require proper grounding and bonding for the applicable conductors.

To promote safe and effective bonding and grounding methods of armored optical cables, the National Electrical Code (NEC) and many industry standards have been established.

If the cable is installed outdoors the NEC does not cover it. However, where it enters a building (or if it's run within a building) Article 770.93 applies which requires bonding of the metallic ...

The National Electrical Code (NEC) and several industry standards have been established to promote safe and effective bonding and grounding practices of armored optical cables.

Because a cable is essentially a self-contained wiring system, it could seem cables all have pretty much the same requirements. The reality is those requirements may have big "redo the work" differences, ...

1.1 High-performance Armored Fiber Cable is supplied with Scotchlok™ Shield Bond Connectors 4460-D that enable each cable to be safely and easily bonded and grounded to a common ground location.

Grounding conductor needs to be insulated, made of copper (or other corrosion resistant material), and stranded or solid. The size must be no smaller than 14 AWG and having an ampacity equal or larger ...



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