



FROM: Paul W Abernathy- Director of Technical Services

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AC/AC-HCF Installation Instructions

1. Strip back armor to expose 6" - 8" of free inner insulated conductors.
2. Remove excess paper barriers and cut paper even with armor.
3. Bend back bare bond wire 120° and cut it off just inside the perimeter of the cable.
4. Install an anti-short bushing. (AC Cable Only)
5. Select listed fitting/connector of the correct size to ensure a proper bond.
6. When terminating and before inserting cable into fitting, remove non-conductive material (SmartColorID® Label), if necessary, per NEC 250.12.
7. Insert cable into connector and secure connector to box.

Code Tip: For AC Cable, the Anti-short bushing must be plainly visible after the fitting/connector is installed.

MC-SG®/ MC HCF SG Smartground® Installation Instructions

1. Strip back metal cladding to expose 6" - 8" of free inner insulated conductors.
2. For MC SG® and MC HCF SG Smartground®, remove excess paper barriers and cut paper even with armor.
3. Bend the aluminum grounding/bonding wire back 120° and cut even with armor.
4. Select listed MCI-A connector of correct size to ensure proper bond.
5. When terminating and before inserting cable into fitting, remove non-conductive material (SmartColorID® Label), if necessary, per NEC 250.12.
6. Insert cable into connector and secure connector to box.

Code Tip: Anti-Short Bushings are **NOT REQUIRED** on Metal-Clad (MC) Cable.

For AC and MC Products in General

When terminating and before inserting cable into fitting, remove non-conductive material (SmartColorID® Label), if necessary, per NEC 250.12

Best regards,

A handwritten signature in black ink, appearing to read "Paul W. Abernathy".

Paul W. Abernathy, CMI, CMECP®
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