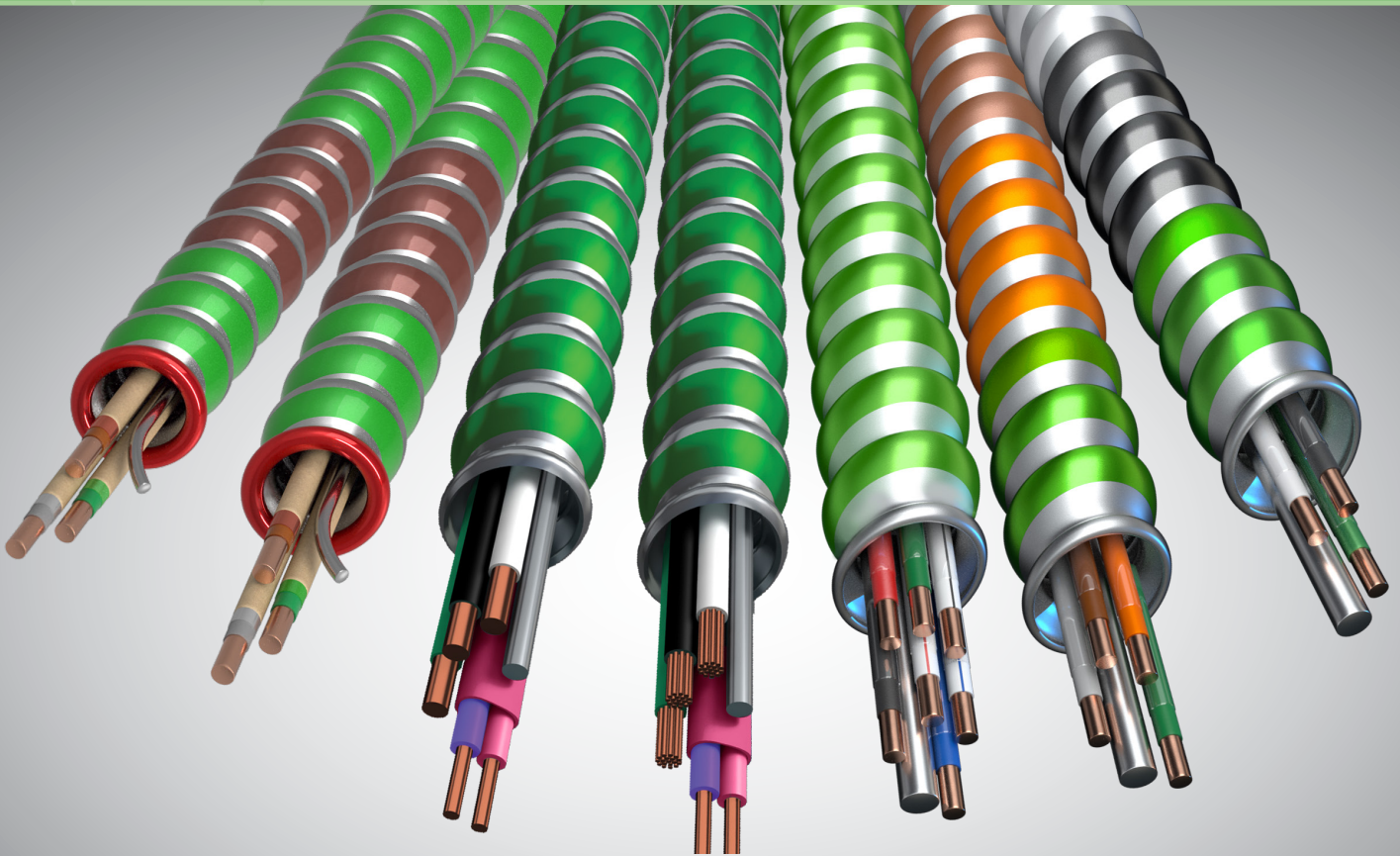


Healthcare Cables



 **Atkore™**

Hospitals and other healthcare facilities have many requirements when it comes to wiring.

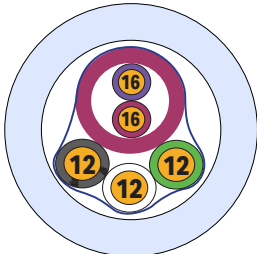
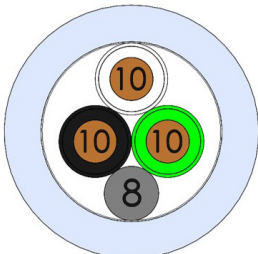
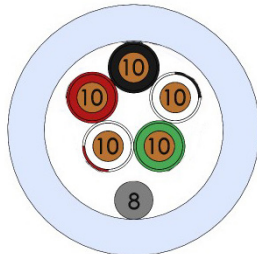
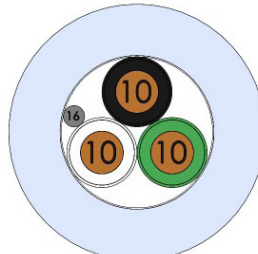
NEC 517.2 defines a Patient Care Space as “Any space of a health care facility wherein patients are intended to be examined or treated.” Included in this are dental facilities, urgent care facilities, clinics, etc. When installing electrical wiring, greater care is taken to ensure that the equipment being powered does not short or overload, causing harm to a patient.

NEC Section 517.13 requires redundant grounding on wiring to receptacles and any fixed equipment in these areas.

- All branch circuits serving patient care spaces shall be provided with an effective ground fault current path by installation in a metal raceway system; or a cable having a metallic armor or sheath assembly.
- Cable armor or sheath assembly, shall itself qualify as an equipment grounding conductor in accordance with NEC Section 250.118

Atkore provides three versions of healthcare facilities cables (HCF) to meet your applications within NEC Code requirements.

All of these cables meet the requirement for a redundant ground and are available in steel armor or aluminum armor.

Attributes	Healthcare Cables			
Product Family	MC Luminary HCF®	MC-Stat®	MC Stat® Plus	HCF-90®
Maximum Number Of Conductors	No Limit	No Limit	No Limit	4 conductors plus grounds
Cable Type	Type MC-PCS	Type MCI-A	Type MCI-A	Type AC
Size Of Copper Conductors	12 AWG to 10 AWG with 16 AWG Control Circuits	12 AWG to 10 AWG	12 AWG to 10 AWG	12 AWG to 10 AWG
Grounding	Full size bare aluminum bond/ground conductor and armor combination. An insulated equipment grounding conductor.	Full size bare aluminum bond/ground conductor and armor combination. An insulated equipment grounding conductor.	Full size bare aluminum bond/ground conductor and armor combination. An insulated equipment grounding conductor.	16 AWG bare aluminum bond wire and armor combination. An insulated equipment grounding conductor.
Conductor Wrapping	Conductors have an overall polypropylene assembly tape with twisted jacketed pair.	Individual conductors have an extruded protective covering. No overall assembly tape.	Individual conductors have an extruded protective covering. No overall assembly tape.	Individual conductors are wrapped in a moisture resistant, fire retardant paper.
Tested To UL Standard	UL 1569	UL 1569	UL 1569	UL 4
				

MC Luminary HCF Lite™

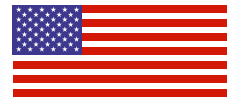
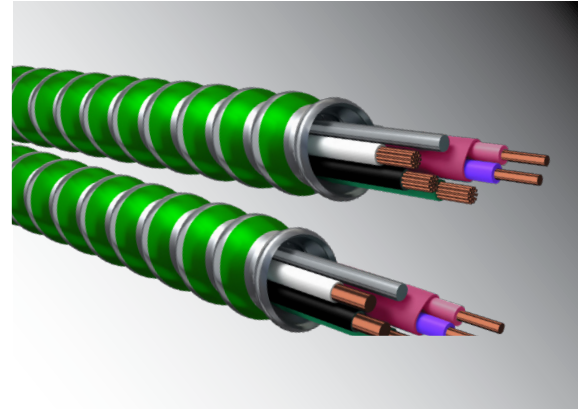
(U.S. Patent No 8,088,997 and U.S. Patent 10,431,353)

Applications

- Patient Care Spaces per NEC 517.13
- LED and Fluorescent Dimming
- SMART Buildings
- Daylight Harvesting
- Where redundant grounding is needed

Features and Benefits

- Type MC-PCS cable with MCI-A construction
- Aluminum armor stock, steel available as a special order
- Armor plus full-sized aluminum ground/bond conductor is the equipment grounding means, second equipment grounding means is full sized insulated copper grounding conductor
- Green armor to identify for healthcare applications
- Type THHN with protective polypropylene covering on each insulated conductor (no messy assembly tape)
- Reduces time and labor to install
- Combines power and control in one armor
- UL classified for through-wall penetrations



Made in USA of US and/or
imported materials



MC-Stat® and MC-Stat Lite™ HCF Cables

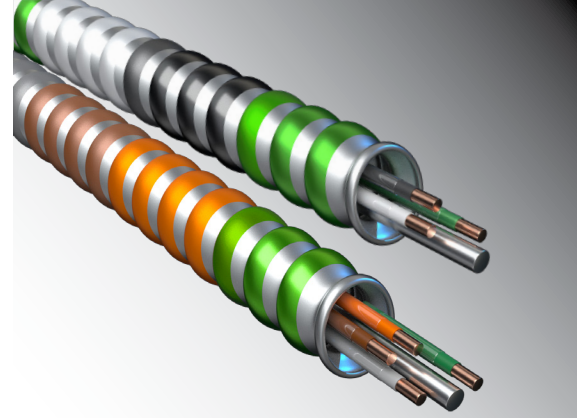
(U.S. Patent No. 8,088,997 and 8,278,554)

Applications

- Patient Care Spaces per NEC 517.13
- Nursing Homes
- Hospitals
- Outpatient Facilities
- Dental Offices
- Clinics and Medical Centers

Features and Benefits

- Interlocking galvanized steel armor or interlocking aluminum armor available
- Type THHN with protective polypropylene covering on each insulated conductor (no messy assembly tape)
- Green armor for easy cable identification in health care applications with ColorSpec® ID
- Armor plus full-sized aluminum ground/bond conductor is the equipment grounding means, second equipment grounding means is full sized insulated copper grounding conductor
- MCI-A listed connectors required
- UL classified for through-wall penetrations
- Available in Barrel Packs



Made in USA of US and/or imported materials

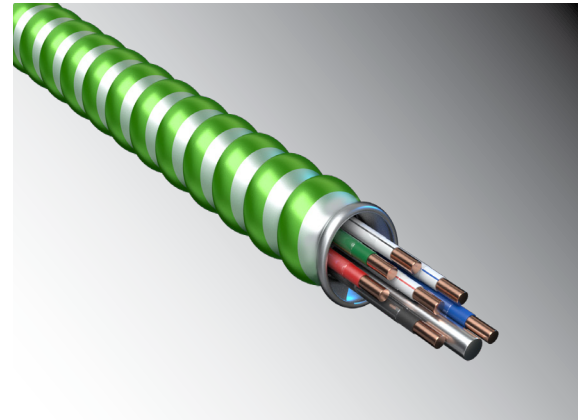


MC-Stat Plus™ and MC-Stat Plus Lite™ HCF Cables

(U.S. Patent No. 8,088,997)

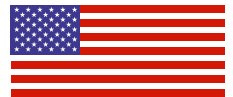
Applications

- Patient Care Spaces per NEC 517.13
- Nursing Homes
- Hospitals
- Outpatient Facilities
- Dental Offices
- Clinics and Medical Centers



Features and Benefits

- MC Stat Plus™ is a neutral per phase Type MC HCF cable
- Interlocking galvanized steel armor or interlocking aluminum armor available
- Allows for homeruns in healthcare facilities
- Green armor for easy cable identification in health care applications with ColorSpec® ID
- Armor plus full-sized aluminum ground/bond conductor is the equipment grounding means, second equipment grounding means is full sized insulated copper grounding conductor
- Type THHN with protective polypropylene covering on each insulated conductor (no messy assembly tape)
- MCI-A listed connectors required
- UL Classified for through wall penetration



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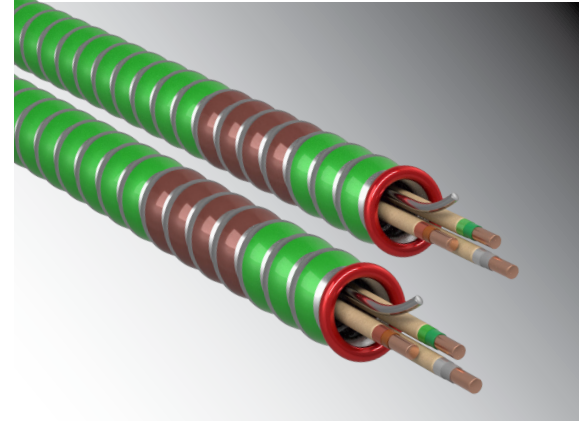
HCF-90® and HCF-Lite® Armored Cables (U.S. Patent No. 8,278,554)

Applications

- Patient Care Spaces per NEC 517.13
- Nursing Homes
- Hospitals
- Outpatient Facilities
- Dental Offices
- Clinics and Medical Centers

Features and Benefits

- Available in interlocking galvanized steel armor or interlocking aluminum armor
- Green armor for easy cable identification in health care applications with ColorSpec® ID
- Armor/bond wire plus full sized green insulated copper ground conductor combination provides redundant ground or isolated grounding capability
- UL Classified for through wall penetration



HCF-90®



HCF-Lite®



Made in USA of US and/or
imported materials



Pack N' Roll®

Heavy duty portable cable dispenser designed to make managing installations using Type MC and Type AC cables easier

Features and Benefits

- Pull cable faster without tangles
- Fits most commonly used sizes of MC and AC cables
- Great for storage, service trucks, and smaller projects
- Keeps coils neat and organized on the job site for easy reuse



Made in USA of US and/or imported materials

Barrel Pack

Features and Benefits

- Economical design reduces the effort required to install cables
- Easily transported around the job site
- Reduce scrap and handling
- Easy Pull
- 75 gallon fiber barrel rated for 400 lbs





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Atkore

960 Flaherty Drive
New Bedford, MA 02745

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