

## VITALINK® MC 2-HOUR FIRE RATED CABLE FAQ

**Texcan stocks Marmon Electrical VITALink® MC power cable.** These cables are listed under ULC-S139 for vertical and horizontal applications with hose stream. The VITALink® MC power cables are 2-Hour Fire Rated when installed in accordance with Marmon Electrical installation procedures and system listings.

### DO I NEED A GROUND WIRE?

Not usually. The VITALink® MC armour is made of copper and exceeds the requirements in the CEC. However, there may be circumstances where a separate earth ground conductor is required and must be ordered as a separate conductor.

### I THOUGHT ALL 2-HOUR FIRE RATED CABLES WERE SUSPENDED BY UL?

UL did suspend the listing of all 2-Hour Fire Rated Cables, but Marmon Electrical has requalified VITALink® MC as a 2-Hour Fire Rated Cable as per ULC-S139 and listed as RC90.

### CAN I RUN VITALINK® MC VERTICALLY?

Yes, VITALink® MC is approved for use vertically and horizontally as specified by the CEC. VITALink® is a fully qualified system that can be easily installed using standard installation methods.

### CAN I RUN THIS JUST LIKE A STANDARD MC CABLE ACCORDING TO THE CEC?

Yes. However, it must be installed as a Total Installed Solution (TIS) which adheres to the FHIT7.120 installation guide provided.

### WHAT KIND OF CONNECTORS SHOULD I USE TO TERMINATE THE COPPER ARMOUR?

Marmon Electrical recommends using standard MC connectors that are made of brass, stainless steel, or nickel so there are no concerns for dissimilar metals. On single conductor terminations for an installation that is rated over 200A, a brass plate is required. Texcan stocks complete lines of connectors, lock nuts, and brass plates.

### WHAT KIND OF CLAMPS ARE REQUIRED?

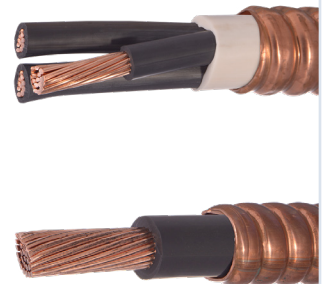
Two-piece single-bolt pipe clamps or one-piece saddle type pipe clamps (ie. Cobra Clamps).

### IS A JACKETED VITALINK® MC 2-HOUR POWER CABLE AVAILABLE?

Texcan's normal stock is non-jacketed, however a low smoke zero halogen (LSZH) corrosion-resistant jacket may be provided over the copper sheath upon request

### DOES VITALINK® MC COME IN SINGLES IN ALL SIZES?

Texcan's normal stock is non-jacketed, however a low smoke zero halogen (LSZH) corrosion-resistant jacket may be provided over the copper sheath upon request



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## Building Wire

- AC90 Armoured Cables
- Fire Alarm Cables
- ACWU Armoured Cables
- NMD90/NMWU90 Cables
- Solid/Stranded Bare Copper
- SIMpull Solutions®
- RW90/RWU 90 CU / AL
- T90 CU/TW75/TWH/TWU
- LVT
- Grounding Cables
- Pump Cables
- Copperweld Cables

## Control Cables

- Multi-conductor
  - Armoured/Unarmoured
- Portable Control Cables
- Shielded Control Cables
- Custom Bundling/Armouring

## Communication

- Computer Cables
- Inside/Outside Plant Wires
- Telephone Cables
- Plenum Cables
- Direct Burial

## Data Cables

- Category 5E, 6, 6A, 7 Rated Cables
- Co-Axial/Twin-Axial Cables
- Ethernet Cables
- Network Cables
- Patch Cords (Copper/Fiber Optic)
- Armoured Data Cables

## Electronic Cables

- Armoured Cables
- Audio/Visual Cables
- Broadcast Cables
- Coaxial/Twin-Axial Cables
- Low Capacitance Wires
- Plenum Wires
- Precision Video Wires
- Industrial Automation Cables
- Belden® Classics & NewGen

## Fiber Optic Cables

- SM/MM
- Loose Tube, Tight Buffer
- Indoor/Outdoor/Riser/ADSS
- Armoured/Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM/RLTM

## Instrumentation

- Armoured/Unarmoured
  - Aluminum/Interlocked Steel
- Multiconductor/Pairs/Triads
- Shielded/Unshielded
- Thermocouple Wires

## Marine Cables

- Boat Cables
- Shipboard Cables
- Offshore Rig/Marine Cables

## Mining Cables

- Blasting Wires
- Mine Power Feeder Cables
- Portable Power Cables
  - Type W, G, GGC, SHDGC (2KV to 35 KV)
- Trailing Cables
- Cable Assemblies
- Vertical Riser Cables
- Reeling Cables
- DLO (Diesel Locomotive Cables)

## Portable Cords

- High Temperature Cables
- Ultraflex™ Low Temperature Cords
- Ultraflex™ Extension Cords
- Retractable Cords
- Type: SJOOW, SOOW, SJTOW, STOW
- Welding Cables
- Stage Lighting
- Landscape Lighting
- Multiconductor
- Jumper Cables

## Power Cables

- ACSR/AAC Linewire
- High Voltage Power Cables (69-300kv)
- TECK 90 HL Cables (600V-35KV)
- Overhead Service (NS75 / NS90)
  - Duplex, Triplex, Quadruplex
- Underground Service
  - USE1, USEB
- Variable Frequency Drive (VFD) Cables

- Tray Cables (5KV-35KV)
  - Power Cables (NFPA. 130)
- Underground Distribution
- Utility Hydro Cables
- Airguard™

## Specialty Products & Cords

- 2HR Fire Rated VITALink® Fire Resistive
- Traffic Signal Cables CLMTO/IMSA
- Coil Lead Wires
- European Cables (CE & VDE approved)
- Extra Flexible Portable Cables
- Heat Trace cables & accessories
- Low Smoke Zero Halogen Cables
- Parallel Conductor Cords
- SIS Switchboard Wires
- Small Diameter Flexible Control (SDN)
- Automotive Cables
- Battery Cables
- Guy Wire & Strand
- Mil Spec Hookup Wires
- Pendant Cables/Festoon
- Teflon® Insulated Wires
- TEW Equipment Wires
- Tracer Wires
- Trailer Cables
- TR64

## Transportation

- Catenary Cable
- Messenger Cable
- Signal Cables
- Track Wire
- Traction Power Cable

## Additional Services & Accessories

### Tools & Equipment

- Material Handling & Storage
- Cable Pulling & Fishing

### Power Management

- Extension Cords
- Temporary Power Distribution

### Lighting

- Area Lights
- String Lights
- Temporary Overhead Lighting

### Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- Tray Cable Connectors

### Accessories

- Hardware, Lugs, Cable Ties
- 3M Accessories
  - Cold Shrink Splices and Terminations
  - Heat Shrink Splices and Terminations
  - Full Line of Accessories Available
- High Voltage Termination Kit
- Split Loom

### Value Added Services

- Custom-Built Cables
- Cable Management Program
- Specialized Technical Assistance
- 24/7 Emergency Shipping Service
- International Export Services
- Custom Cables/Printing/Cutting
- Paralleling/Lagging/Tagging
- Bundling/Armouring
- Bar Coding and Inventory Tracking
- State-of-the-Art Distribution Centre

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