

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

Control Cables

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

Communication

- Computer Cable
 - Inside/Outside Plant Wire
- Telephone Cable
- Plenum Cable
- Direct Burial

Data Cables

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

Electronic Cables

- Armoured Cable
- Audio/Visual Cable
- Broadcast Cable
- Coaxial/Twin-Axial Cable
- Low Capacitance Wire
- Plenum Wire
- Precision Video Wire
- Industrial Automation Cable
- 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
- Multi-conductor/Pairs/Triads
- Shielded/Unshielded
- Thermocouple Wire

Marine Cables

- Boat Cable
- Shipboard Cable
- Offshore Rig/Marine Cable

Mining Cables

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

Portable Cords

- High Temperature Cable
- Ultraflex™ Low Temperature Cord
- Ultraflex™ Extension Cord
- Retractable Cord
- Type: SJOOW, SOOW, SJTOW, STOW
- Welding Cable
- Stage Lighting
- Landscape Lighting
- Multi-conductor
- Jumper Cable

Power Cables

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

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

Specialty Products & Cords

- 2-Hour Fire Rated VITALink® Cable
- 2-Hour Fire Rated Duralife® Cable
- Coil Lead Wire
- European Cables (CE & VDE approved)
- Extra Flexible Portable Cable
- Heat Trace Cables & Accessories
- Low Smoke Zero Halogen Cable
- Parallel Conductor Cord
- RPVU90 Solar Cable
- SIS Switchboard Wire
- Small Diameter Flexible Control (SDN)
- Automotive Cable
- Battery Cables
- Guy Wire & Strand
- Mil Spec Hookup Wire
- Pendant Cables/Festoon
- Teflon® Insulated Wire
- TEW Equipment Wire
- Tracer Wire
- Trailer Cable
- TR64

Transportation

- Catenary Cable
- Messenger Cable
- Signal Cable
- Track Wire
- Traction Power Cable
- Traffic Signal Cable CLMTO/IMSA

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

Visit our website at Texcan.com and social media [@TexcanCanada](https://www.instagram.com/TEXCANCanada)

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