

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?

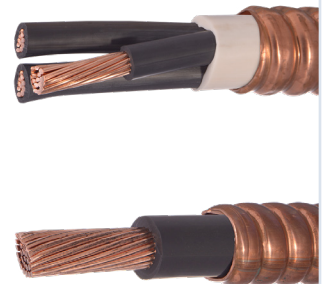
Two-piece single-bolt pipe clamps or one-piece saddle type pipe clamps (ie. Cobra Clamps).

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
- RA90/Armoured Cables CU/AL
- SIMpull Solutions®
- RW90/RWU 90 CU / AL
- T90 CU/TW75/TWH/TWU
- LVT
- Grounding 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
- 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
 - Interlocked Steel/Aluminum
- 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: SJQOW, SOOW, SJTOW, STOW
- Welding Cables
- Stage Lighting
- Landscape Lighting
- Multiconductor

Power Cables

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

- Tray Cables
 - Power and Control
- Underground Distribution
- Airport Lighting Cables
- Utility Hydro Cables
- Airguard™

Specialty Products & Cords

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

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

- Heat Trace cables & accessories
- Hardware, Lugs, Cable Ties
- 3M Accessories
 - Cold Shrink Splices and Terminations
 - Heat Shrink Splices and Terminations
- 3M Accessories
- 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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VANCOUVER

1-800-665-1025
10449 120th St. Surrey, BC

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1-888-818-9473
10449 120th St. Surrey, BC

EDMONTON

1-800-252-7545
11330 189 St. NW. Edmonton, AB

CALGARY

1-855-717-3900
#105-10710 25th St. NE. Calgary, AB

SASKATOON

1-855-385-3800
3403 Faithfull Ave. Saskatoon, SK

WINNIPEG

1-800-665-2491
25 Meridian Dr. Winnipeg, MB