



Madison Cable Vapor Block Ethernet Cables

Summary:

Madison Vapor Block cables can be used for various applications where explosive or dangerous vapors may be present, or where a mechanically robust broadband interconnect is needed.

Vapor Block cables have been used by various gas pump manufacturers for installation between the pump display and the POS.

Cable Features:

- Blocks gas vapors from passing through cable
- Smaller and more flexible than filled Ethernet cable
- More abrasion/crush resistant than conventional Ethernet cable
- Protected by US Patent 6,469,251
- Quad or Twisted Pair designs optimized for the application
- Available in unshielded and shielded configurations
- Wide range of conductor AWG sizes, alloy and plating options
- Custom designs based on OEM specific requirements
- Meets UL std. 87 Vapor Test and UL 758 Oil/Gas Immersion requirements

Example Cable Part Numbers:

- 042ECLF002 (26 AWG IFE Quad)
- 042FCLF005 (24 AWG IFE Quad)
- 082FKLF003 (4pr 24 AWG Cat 5E Type GigE)

Potential Applications:

- Ethernet (10/100/1000Mbps)
- Fuel (Gas) Pump Automation



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