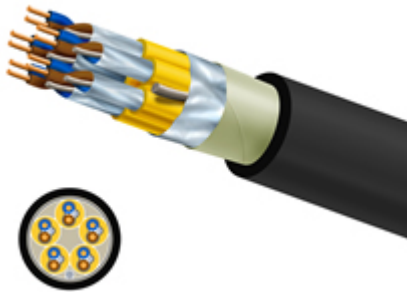


## Northwire Introduces DataCELL® FOUNDATION™ fieldbus M-EZ Cables *Easier and Faster Wiring of Marshaling Cabinets*



OSCEOLA, Wis. - April 8, 2009 - Northwire, Inc. has increased its DataCELL FIELD line of products to include multi-pair Foundation fieldbus M-EZ (Marshaling EZ) cables. The cables are engineered with up to 24 individually foil-shielded pairs with an extruded PVC binder over each pair, all contained within a single cable. DataCELL Foundation fieldbus M-EZ allows for fast, simple installation into marshaling cabinets and requires no shrink tubing.

All DataCELL Foundation fieldbus cables are among the first to be FF-844 certified by the Fieldbus Foundation. This certification assures that the cable is electrically precise and meets Foundation fieldbus type A cable physical property requirements. Northwire has provided

Foundation fieldbus cable for rugged petrochemical and other plant environments with networked process automation and control for over 10 years.

“In addition to being easier to strip and install, DataCELL Foundation fieldbus M cables offer superior ground system integrity and eliminate the potential for cross continuity between shields,” says Ted Beach, director of sales, Northwire, Inc. “Through continued product innovation and refinement, Northwire remains the leading manufacturer of industrial-networking cables.”

All DataCELL Foundation fieldbus versions are ITC (instrument tray cable)/PLTC (power-limited tray cable) rated for exposed-run (ER) applications and pass the same crush and impact tests for metal-clad cable (under UL 1569). ITC-ER/PLTC-ER cable allows users to do without the conduit when the cable is installed in accordance with recent National Electrical Code (NEC) amendments.

The line includes an arctic-rated ITC/PLTC-listed version with optional armor and a RoHS-compliant UL 1309 marine shipboard-listed cable with a cut- and abrasion-resistant TPE outer jacket; both are suitable for use to –60°C. CSA, ABCD armored cables are also offered.

DataCELL Foundation fieldbus cables are available as single-pair or multi-paired bus cables, with as many as 24 pairs in a single cable. Shield options include individually foil-shielded pairs with drain wire as well as an overall foil with drain wire. Also, overall tinned copper braid is available for low-frequency noise immunity. Cable is offered in a variety of jacket and inner-conductor colors and options. Choices include 16 AWG—for longer runs—and 18 AWG in single-shielded, twisted-pair spur cables and as multi-pair cable. Cable is available with optional ground wire. The Characteristic Impedance  $Z_0$  is tightly controlled to be  $100 \Omega \pm 10 \Omega$  at 31.25 kHz.

The most popular versions of Northwire DataCELL FIELD cables are available off the shelf in bulk quantities.

Contact Northwire for information and samples at +1 715-294-2121, or [www.northwire.com/m-ez](http://www.northwire.com/m-ez).

Northwire, Inc. has been an industry leader in the design and manufacture of industrial-grade technical cable since 1972. The company's complete line of DataCELL FIELD rugged cables for discrete factory automation include DeviceNet™, PROFIBUS® DP, AS-interface, CC-Link and CANopen. Northwire's line of DataCELL FIELD rugged cables for process automation include, FOUNDATION fieldbus H1, HART® compatible and PROFIBUS PA.