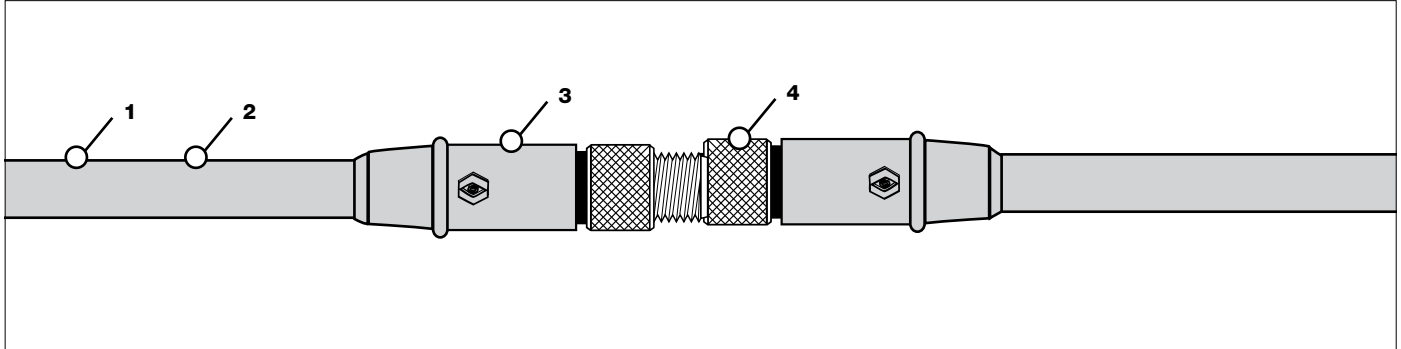


Trex-Onics® DeviceNet™ Flex-Net Cable Micro Assemblies

- RoHS Compliant
- ODVA Conformity

Flex-Net Cable Micro Assemblies take all the advantages of our Flex-Net Cable (a heavy-duty jacket and Ultra-Shield construction) and add a molded micro head which is permanently bonded to the cable providing a superior water and chemical resistant seal. Our micros have contact pins that are gold plating over nickel to ensure electronic and electrical integrity over repeated insertions and extractions.



FEATURES & BENEFITS

- 1. HEAVY-DUTY GRAY TREX-ONICS® JACKET** – Excellent defense against cutting, abrasion, oil and chemicals. High flex cable designed to withstand harsh industrial applications.
- 2. HEAVY-DUTY COMBINATION OF TINNED COPPER SHIELD AND AN ALUMINUM/MYLAR SHIELD** – 100% shielding provides protection from EM and RF interference. Finely stranded braid provides superior mechanical strength.
- 3. POLYURETHANE MOLDED PLUG BODY** – Permanently bonded to cable providing a superior water and chemical resistant seal.
- 4. CONTACT PINS AND SLEEVES** – Gold plating over nickel insures electronic and electrical integrity over repeated insertions and extractions.

ROLE OF PRODUCT

This product is intended for use in the DeviceNet™ Bus System in applications requiring “Micro” style Male, Female or Male/Female connectors. Applications for this product are industrial in nature and will be connected to devices such as proximity, photo electric and limit switches. This cable may be used in harsh industrial environments where oils, coolants, water, chemicals or grease are present.

COLOR CODE	
POWER PAIR	DATA PAIR
Red & Black	Blue & White

ELECTRICAL SPECIFICATIONS

- The electrical requirement of the DeviceNet™ Cable shall be in accordance with those identified by the ODVA (Open DeviceNet™ Association) for the Thin Cable.
- Capacitance between Conductors – 12 pF/ft. at 1 MHz (nominal).
- Impedance – 120 Ohms +/- 12 Ohms.
- Capacitance between one conductor and other conductor connected to shield – 24 pF/ft. at 1MHz (nominal).
- Propagation Delay – 1.36 nSec/ft. (maximum).

Portable Cords
 Power Cables (600 Volt to 35 kV)
 Welding Cables
 VFD/Servo Motor Cables
 Reeling Cables
 Control Cables/Instrumentation
 Bus Cables
 Flat Festoon Cables
 Retractable Coil Cables
 Chemical & Temp. Resistant Cables
 High Temperature Cables
 Igniter Cables
 Thermocouple Extension Wires
 Engineered Custom Cables

Trex-Onics® DeviceNet™ Flex-Net Cable Micro Assemblies (Continued)

ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

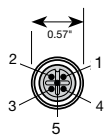
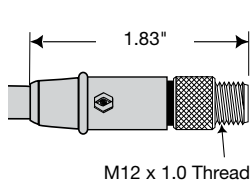
MICRO STRAIGHT DEVICENET™ CONNECTOR CORD SETS – THIN			
PART NO.	M	FT	DESCRIPTION
CT15A43M001	1.0	3.3	Male
CT15A43M002	2.0	6.6	Male
CT15A43M003	3.0	9.8	Male
CT15A43M004	4.0	13.1	Male
CT15A43M006	6.0	19.7	Male
CT15A43M012	12.0	39.3	Male
CT15A43M018	18.0	59.0	Male
CT15A43M024	24.0	78.7	Male
CT15A43M030	30.0	98.4	Male
CT15C43M001	1.0	3.3	Female
CT15C43M002	2.0	6.6	Female
CT15C43M003	3.0	9.8	Female
CT15C43M004	4.0	13.1	Female
CT15C43M006	6.0	19.7	Female
CT15C43M012	12.0	39.3	Female
CT15C43M018	18.0	59.0	Female
CT15C43M024	24.0	78.7	Female
CT15C43M030	30.0	98.4	Female
CT25E43M001	1.0	3.3	Male/Female
CT25E43M002	2.0	6.6	Male/Female
CT25E43M003	3.0	9.8	Male/Female
CT25E43M004	4.0	13.1	Male/Female
CT25E43M006	6.0	19.7	Male/Female
CT25E43M012	12.0	39.3	Male/Female
CT25E43M018	18.0	59.0	Male/Female
CT25E43M024	24.0	78.7	Male/Female
CT25E43M030	30.0	98.4	Male/Female

MICRO 90°/STRAIGHT DEVICENET™ CONNECTOR CORD SETS – THIN			
PART NO.	M	FT	DESCRIPTION
CT25G43M001	1.0	3.3	Male 90°/Female
CT25G43M002	2.0	6.6	Male 90°/Female
CT25G43M003	3.0	9.8	Male 90°/Female
CT25G43M004	4.0	13.1	Male 90°/Female
CT25G43M006	6.0	19.7	Male 90°/Female
CT25G43M012	12.0	39.3	Male 90°/Female
CT25G43M018	18.0	59.0	Male 90°/Female
CT25G43M024	24.0	78.7	Male 90°/Female
CT25G43M030	30.0	98.4	Male 90°/Female
CT25F43M001	1.0	3.3	Male/Female 90°
CT25F43M002	2.0	6.6	Male/Female 90°
CT25F43M003	3.0	9.8	Male/Female 90°
CT25F43M004	4.0	13.1	Male/Female 90°
CT25F43M006	6.0	19.7	Male/Female 90°
CT25F43M012	12.0	39.3	Male/Female 90°
CT25F43M018	18.0	59.0	Male/Female 90°
CT25F43M024	24.0	78.7	Male/Female 90°
CT25F43M030	30.0	98.4	Male/Female 90°
CT25H43M001	1.0	3.3	Male 90°/Female 90°
CT25H43M002	2.0	6.6	Male 90°/Female 90°
CT25H43M003	3.0	9.8	Male 90°/Female 90°
CT25H43M004	4.0	13.1	Male 90°/Female 90°
CT25H43M006	6.0	19.7	Male 90°/Female 90°
CT25H43M012	12.0	39.3	Male 90°/Female 90°
CT25H43M018	18.0	59.0	Male 90°/Female 90°
CT25H43M024	24.0	78.7	Male 90°/Female 90°
CT25H43M030	30.0	98.4	Male 90°/Female 90°

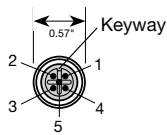
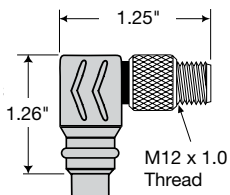
Trex-Onics® Flex-Net Cable Assemblies are designed and manufactured in accordance with your length requirements. Please contact our Engineered Products Department to review your specific needs.

PRODUCT SPECIFICATIONS

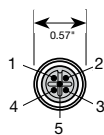
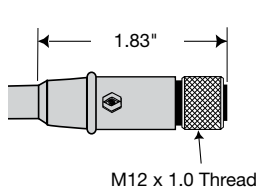
STRAIGHT MALE PLUG



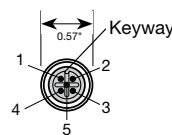
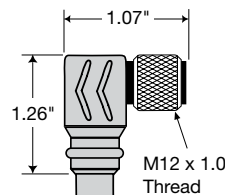
90° MALE PLUG



STRAIGHT FEMALE PLUG



90° FEMALE PLUG



FACE VIEW OF FEMALE PLUG



- 5 POLE**
1. Drain
 2. Red (V+)
 3. Black (V-)
 4. White (Can-H)
 5. Blue (Can-L)

Portable Cords
Power Cables (600 Volt to 33 KV)
Welding Cables
VFD/Servo Motor Cables
Reeling Cables
Control Cables/Instrumentation
Bus Cables
Flat Faston Cables
Retractable Coil Cables
Chemical & Temp. Resistant Cables
High Temperature Cables
Igniter Cables
Thermocouple Extension Wires
Engineered Custom Cables