

Quick-Connect™

Cable Assemblies



TPC

A Premier Farnell Company

Micro, Mini & Nano
Quick-Connects
.....

DeviceNet™ Cable,
Assemblies &
Accessories
.....

Ethernet CAT5E
.....

Oval Power
Assemblies
.....

Makes replacement of electrical and electronic control devices quick and simple

Broad range of configurations and styles for most applications

Engineered for long life in harsh industrial environments

Quick-Connect™

Trex-Onics®



18 AWG MICROS

AC and DC Micro Quick-Connects, Y-Splitters and Accessories

All polyurethane design, both head and cord. Exclusive 100% bond. Designed for high cycle, constant motion applications. Provides excellent defense against impact, cutting, abrasion, oil and chemicals. Meets IP68 requirements against dust and water.



NANO QUICK-CONNECT

24 AWG Connectors Available in both Snap and Threaded Versions

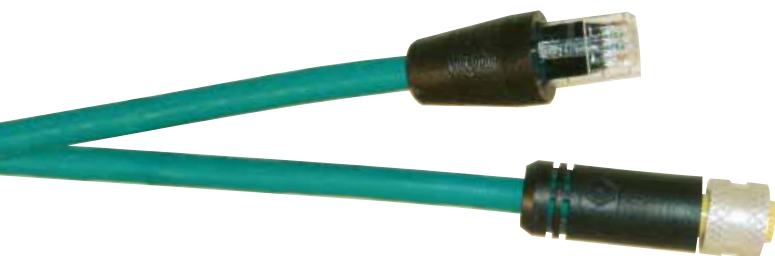
All molded design made with Trex-Onics 24 AWG Nano Cord. Designed for high cycle and constant motion applications. Provides excellent defense against impact, cutting, abrasion, oil and chemicals. Meets IP68 requirements against dust and water.



DEVICENET™ CABLE, ASSEMBLIES & ACCESSORIES

Designed for DeviceNet Applications

Products intended for use in the DeviceNet Bus System in applications requiring "Mini" or "Micro" M12 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. The Trex-Onics DeviceNet Cable may be exposed to oils, coolants, water, chemicals and grease. Available in thick or thin cable designs.



INDUSTRIAL ETHERNET CAT5E CABLE 24 AWG

Product is constructed with an inner and outer jacket. The inner jacket provides protection to the conductor bundle from impact and keeps the lay lengths of the cable in tact to ensure signal integrity. The outer Trex-Onics TPE jacket provides protection from environmental abuse and offers excellent defense against cutting, abrasion, oil and chemicals. Available in standard RJ45 and 8 pin M12 round connectors.

Cable Assemblies

Super-Trex[®]

ASK ABOUT OUR
ENGINEERED
PRODUCTS

MINI 16 AWG QUICK-CONNECT ASSEMBLIES

Molded assemblies made with heavy duty Super-Trex Cable. Superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals. Flame and heat resistant. Extreme all-weather flexibility. 100% rubber bond between cable and head provides IP68 seal against dust and water.



18 AWG SJ00 MICROS

AC and DC Micro Quick-Connects, Y-Splitters and Accessories

All rubber design, both head and cord provides a 100% rubber bond, eliminates bonding agents between jacket and plug. Meets IP68 requirements against dust and water. Excellent flexibility and protection from cutting, abrasion, flexing, oils and chemicals.



QUICK-CONNECT POWER ASSEMBLIES

Quick-Connect Power Assemblies Improve Service Life and Quick Change Capability

Available in male, female or male to female configurations, Super-Trex Oval Power assemblies offer a robust product to withstand harsh industrial environments. Products come with rotating safety chain collar for added connection integrity. Rubber collar molded at base of male pins provides a "cork-seal" when plugged into TPC matching unit. Protects against dust, fluids and reduces carbon arcing.



CUSTOM CONFIGURATIONS AVAILABLE

Build Your Own TPC Nano, Mini, Micro or DIN Connector

IN CANADA 800-545-0122



IN MEXICO 001-800-290-5614

Quick-Connect™ Assemblies

Build Your Own TPC Nano, Mini, Micro or DeviceNet Cord Set

Type	Style	Ends	Poles	Head configuration	Cable	UOM	Length	Coupling	Part No.
C	L	2	4	E	05	F	017		

of Poles
2 - 19

Single or Double Ended
1 = Single End (or receptacle)
2 = Double End

Style
 A = Nano Threaded Coupling
 B = Nano Snap Coupling
 C = Nano Receptacle (threaded/snap)
 D = DC Micro with LED - PNP Wiring
 E = AC Micro with LED - NPN Wiring
 F = DC Micro
 G = AC Micro
 L = Mini (2-6 pole) "A" size
 M = Mini (6, 7, 8 pole) "B" size
 N = Mini (9, 10, 12 pole) "C" size
 R = Mini (19 pin) "C" size - Molded
 S = Mini (19 pin) "C" size - Mechanical
 T = DeviceNet Micro
 P = DeviceNet 5 pin Mini

• Pin orientation is different on R and S
• D and E only available in female straight and 90° with cable option #62

Coupling: Blank=Regular
S=Stainless Steel
P=Plastic

Cable Length
(3 characters) example:
5 = "005"
50 = "050"
500 = "500"

Unit of Measure
F=Feet
M=Meters
A=Inches

Cable Type – must be two digits

Mini (Super-Trex®)
 01 = 16/2 - 87191
 02 = 16/3 - 87193
 04 = 16/3 (auto color code) - 87193AU
 05 = 16/4 - 87198
 07 = 16/5 - 87202
 08 = 16/5 (auto color code) - 87202AU
 09 = 16/6 - 87206
 11 = 16/7 - 87207
 12 = 16/8 - 87208
 13 = 16/9 - 88509
 14 = 16/10 - 88510
 15 = 16/12 - 88512

Micro (Trex-Onics®) – Long Nut
 16 = 18/2 (DC) - 62022
 17 = 18/3 (DC) - 62023
 18 = 18/4 (DC) - 62024
 19 = 18/5 (DC) - 62025
 20 = 18/3 (AC) - 62013
 21 = 18/4 (AC) - 62014
 22 = 18/5 (AC) - 62015

Micro (Super-Trex) – Short Nut
 24 = 18/3 (DC) - 87013
 25 = 18/4 (DC) - 87014
 26 = 18/5 (DC) - 87015
 27 = 18/2 (AC) - 87002
 28 = 18/3 (AC) - 87003
 29 = 18/4 (AC) - 87004
 30 = 18/5 (AC) - 87005

Nano (Trex-Onics)
 33 = Nano 3 Conductor - 62323
 34 = Nano 4 Conductor - 62324

DeviceNet™
 41 = DeviceNet Thick - 60001
 42 = DeviceNet Thin - 60002 (sub 60007)
 43 = DeviceNet Thin HP - 60007
 44 = DeviceNet Thick HP - 60008

Other Cable Options
 50 = 18/3 Super-Trex SOO Mini - 87192
 51 = 18/4 Super-Trex SOO Mini - 87197
 52 = 18/5 (auto color code) Super-Trex SOO
 53 = 18/3 & 22/16 Trex-Onics (19 pin)
 54 = 16/4 Cenelec
 60 = Trex-Onics 22/8 DC Unshielded #60018
 61 = Trex-Onics 22/8 DC Shielded #60019
 62 = Trex-Onics 22/3 DC Unshielded #62033
 75 = Thermo-Trex® Chem-Gard™ 18/4 #42804

Head Configuration
 A = Male Straight
 B = Male 90°
 C = Female Straight
 D = Female 90°
 E = Male Straight to Female Straight
 F = Male Straight to Female 90°
 G = Male 90° to Female Straight
 H = Male 90° to Female 90°
 J = Male Straight to Male Straight*
 K = Male Straight to Male 90°*
 L = Male 90° to Male 90°*
*Male to male configurations only available in Nanos
 M = Female Straight to Female Straight
 N = Female Straight to Female 90°
 P = Female 90° to Female 90°

Micro Receptacles - Micros Only
 Q = Female Back Mount
 R = Male Panel Mount
 S = Male Switch Mount
 T = Female Panel Mount

Type
C = Cordset
R = Receptacle

In the sample part number above, **CL24E05F017** is a 4 Pole, Mini, Double Ended Cordset, Male straight to Female straight, with 16/4 Super-Trex cable, 17 feet long, with standard couplings.



TPC WIRE & CABLE, CORP.

A Premier Farnell Company

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