

Bus/Data

Trex-Onics® Industrial Single Pair Ethernet Cable

Trex-Onics® Industrial Single Pair Ethernet Cable is built for the extreme demands of industrial environments, delivering reliable 1000-meter connectivity for both indoor and outdoor applications. It is engineered to provide the durability and performance needed for critical automation systems.

This ethernet cable features Ultra-Shield construction, which includes a heavy-duty combination of tinned copper braid, foil shield, and tinned drain wire providing 100% protection from electromagnetic and radio frequency interference. The halogen-free, flame-retardant polyurethane jacket provides protection against cutting, abrasion, oil, and most chemicals.

Ratings

 110V Max Conductor Temperature 90°C Cold Temperature Rating -40°C IEC 61156 IEC 61156-14 ISO/IEC 11801-1 IEC 60754-1/2 IEC 61034-1/2

Performance Characteristics

✓ UV Resistant ✓ Halogen-Free Flame Retardant ✓ Frequency Bandwidth: 20 MHz ✓ Data Rate (1,000 meters): 16 Mbps
✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D. ✓ Max Run Distance: Up to 1,000 Meters (3,280 Feet)

Engineered to Resist

 Flexing  Abrasion  Chemicals

Features & Benefits

Finely Stranded Copper Conductors
Fine stranding improves flex-life and reduces conductor fatigue and breakage.

Specially Compounded Cellular Polyethylene Insulation
Provides excellent dielectric and insulation properties.

Ultra-Shield Tinned Copper Braid Shield Plus Aluminum/Polyester Foil Shield Construction
Provides 100% protection against EM and RF interference and a low impedance path to ground.

Specially Compounded Halogen-Free Flame-Retardant Polyurethane Jacket
Offers superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part No.	Configuration AWG/Cond	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
60070	18AWG/1 pair	0.307	44	55003

