

Bus/Data

Trex-Onics® Shielded Horizontal CAT6 Cable

Trex-Onics® Shielded Horizontal CAT6 Cable is designed with finely stranded conductors that provide high flexibility and longer flex-life. 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 jacket is a halogen-free, flame-retardant material that provides protection from environmental abuse and offers resistance to cutting, abrasion, oil and chemicals.



Ratings



Max Conductor Temperature 80°C

Cold Temperature Rating -30°C

ANSIA TIA/EIA 568-B

TIA/EIA 568-C-2

IEEE 802.3bt

FT1 Flame Rating

Performance Characteristics

- ✓ UV Resistant
- ✓ Halogen-Free Flame Retardant
- ✓ Frequency Bandwidth: 250 MHz
- ✓ Data Rate (100 meters): 1 Gbps
- ✓ Bend Radius (Static): 6x Cable O.D.
- ✓ Bend Radius (Dynamic): 8x Cable O.D.
- ✓ Max Run Distance: Up to 100 Meters (328 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 Polyolefin Insulation System

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. Protects equipment and motor damage from electrical noise and "stray voltage".

Combination of Cellular Insulation and Individually Shielded Pairs

Provides superior electrical performance to meet CAT6 and Ethernet/IP requirements.

Specially Compounded Halogen-Free Flame Retardant TPU Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, UV exposure, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

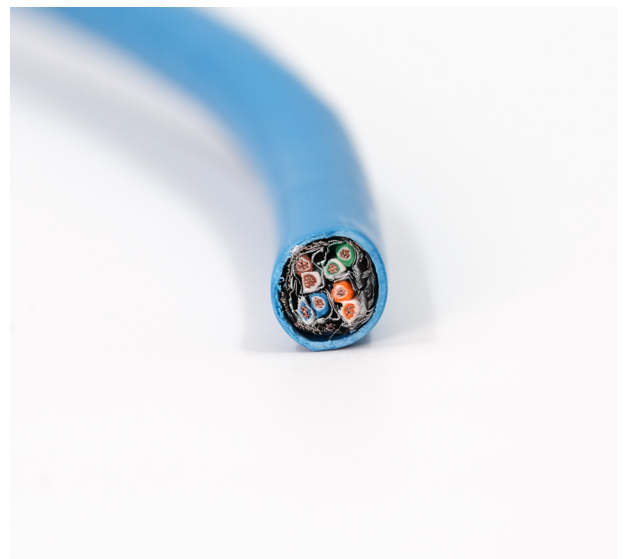
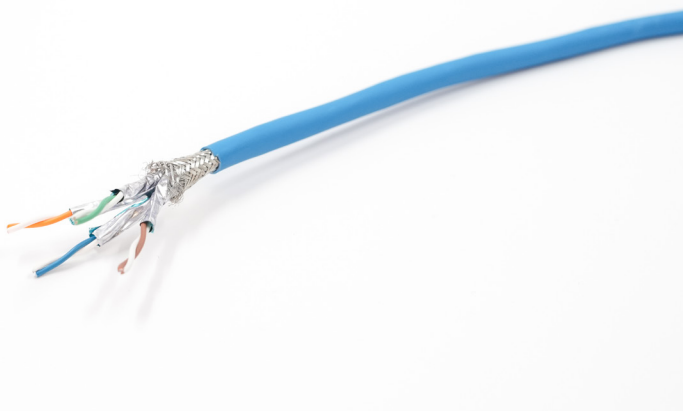
Backward Compatibility

Fully interchangeable with CAT5E cables.

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.	Connector Part Number*
60066	22/4 PR	0.385	78	30805



Notes

*RJ45 Connector for Large Diameter Cables

**Installation cable voltage rating is 300/600 V. This cable is not intended to be used for main power supply applications.