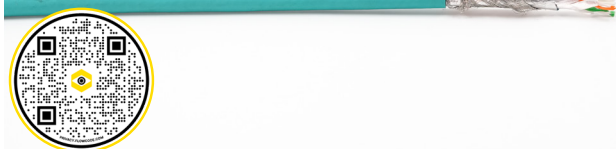


Bus/Data

Hy-Trex® Industrial Ethernet CAT6A

Intended for CAT6A Ethernet connectivity up to 83 meters, the HY-TREX® Industrial CAT6A Ethernet horizontal cable, 24 AWG/4-Pair, holds a voltage rating of 600 volts. This 600 volt rated ethernet cable can mix with power cables in cable trays without needing to add extra conduit.



Ratings



600V

Max Conductor Temperature 80°C

Type CMX Outdoor

Type CMR

AWM Style 2463

ISO/IEC 11801: Category 6A Transmission

ANSI/TIA-568.2-D: Category 6A Transmission

ODVA Ethernet/IP™ Compliant Category 5E

Performance Characteristics

- ✓ Cold Bend: -40°C
- ✓ Oil Resistant II
- ✓ Sunlight Resistant
- ✓ Tensile Pull Strength: 40 lbs.
- ✓ Abrasion: 75 cycles/1.5 lb. Load per UL 2556
- ✓ Flex Life Torsional: 3 million cycles +/-270°
- ✓ Flex Life Cable-Chain: 35 million cycles, 5-inch bend radius
- ✓ Bend Radius (Static): 6x Cable O.D.
- ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



Abrasion



Tension



Cold Temperature

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Specially Compounded High-Density Polyethylene (HDPE) Insulation System

Provides excellent dielectric and insulation properties.

Combination of Cellular Insulation and Individually Shielded Pairs

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

75% Coverage Tinned Copper Braid Shield Plus Aluminum/Polyester Foil Shield Construction

Provides protection against EM and RF interference and a low impedance path to ground. Protects equipment and motor damage from electrical noise and "stray voltage".

Specially Compounded Teal TPE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals.

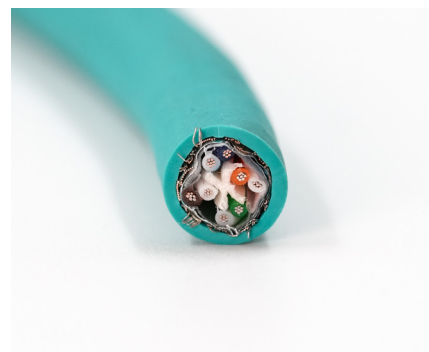
Backward Compatibility

Fully interchangeable with CAT5E and CAT6 cables.

Ordering Information

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

Part No.	Configuration AWG/Cond	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
EN650H-024-4UTP-SFB	24/4 PR	0.322	48	55002/55003



Notes

*Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.