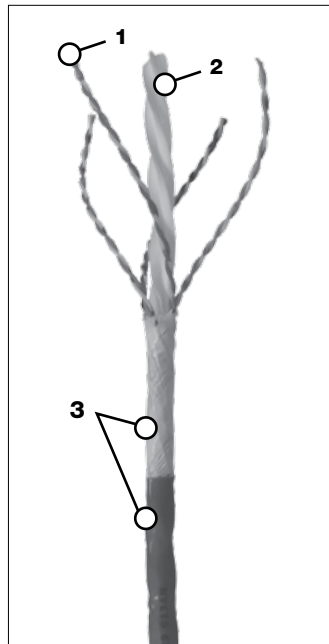


Chem-Gard® 200°C CAT6 Industrial Ethernet Horizontal Cable

- TIA/EIA 568-B-2 CAT6
- 300 V
- Max Conductor Temp 200°C
- Cold Temp Rating -60°C
- Finely Stranded Silver-Plated Copper

This rugged Industrial Ethernet CAT6 cable is built for performance in the harshest of environments. Chem-Gard®'s unique physical properties offer resistance to UV light, cutting, abrasion, oil, chemicals and extreme temperatures. TPC Wire & Cable's Chem-Gard® CAT6 cable provides superior performance to meet or exceed CAT6 and Ethernet/IP requirements.



FEATURES & BENEFITS

1. FINELY STRANDED SILVER ALLOY CONDUCTORS — Improved high temperature flexibility and offers longer flex life and unique conductor lay length.

2. CENTER SPLINE — Keeps conductors separated and in their proper lay.

3. UNIQUE JACKET DESIGN — Provides a Chem-Gard® jacket to protect conductors from impact, and keep the lay lengths intact to provide protection from environmental abuse and defense against cutting, abrasion, extreme temperatures, oil and chemicals. Contains an aramid rip cord for ease of stripping.

4. CHEM-GARD® — Eliminates the need for compounds or lubricants when pulling through conduit and the tough jacket will also withstand abrasion and cutting.

5. PART NO. 60063 SHIELDED CAT6 INDUSTRIAL ETHERNET CABLE — Silver-plated copper braid shield with 95% coverage that reduces radiated and conducted electrical noise and interference.

| 4 PAIR COLOR CODE | |
|-------------------|----------------|
| NO. | COLOR |
| 1 | Blue & White |
| 2 | Orange & White |
| 3 | Green & White |
| 4 | Brown & White |

TIA/EIA 568-B-2 REQUIREMENTS

| FREQUENCY (MHZ) | ATTENUATION (DB/100') | SPL MIN (db) | NEXT MIN (db) |
|-----------------|-----------------------|--------------|---------------|
| 10 | 2.4 | 25.0 | 59.3 |
| 100 | 8.0 | 20.1 | 44.3 |
| 250 | 12.2 | 17.3 | 38.3 |

APPLICATIONS

- Data Processing & Information Systems
- High Bandwidth Digital Applications
- High Data Rate Applications

ELECTRICALS

- 14.5pF/ft Capacitance Conductor to Conductor
- 100 Ohms Impedance
- Velocity of Propagation

CHEMICAL RESISTANCE

| CHEMICAL | FLUOROPOLYMER | ETFE | FEP |
|----------------------|---------------|-----------|-----------|
| Oxidation Resistance | Excellent | Excellent | Excellent |
| Oil | Excellent | Excellent | Excellent |
| UV Rays | Excellent | Excellent | Excellent |
| Water | Excellent | Excellent | Excellent |
| Acid | Excellent | Excellent | Excellent |
| Alkali | Excellent | Excellent | Excellent |
| Gasoline/Kerosene | Excellent | Excellent | Excellent |
| Benzol Toluene | Excellent | Excellent | Excellent |
| Degreaser Solvent | Excellent | Excellent | Excellent |
| Alcohol | Excellent | Excellent | Excellent |

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

| PART NO. | CONDUCTOR SIZE | STRANDING | OVERALL SHIELD | NOMINAL O.D. | WT. (LBS) PER 1000' |
|----------|----------------|-----------|----------------|--------------|---------------------|
| 60064 | 24 AWG | 19 x 34 | NO | 0.310 | 38 |
| 60063 | 24 AWG | 19 x 34 | YES | 0.330 | 55 |