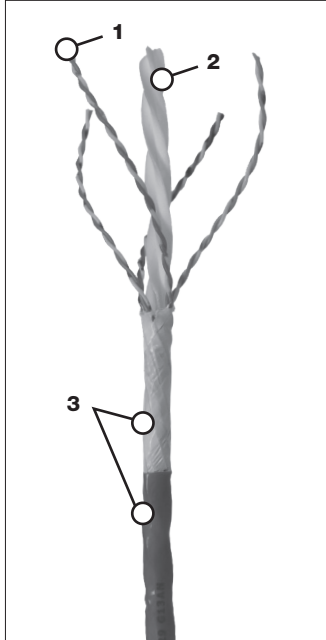


Chem-Gard® 200°C CAT6 Industrial Ethernet Horizontal Cable

- 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 36	NO	0.255	38
60063	24 AWG	19 x 36	YES	0.330	55