

NEW PRODUCTS



Chem-Gard™ 200°C CAT6 Industrial Ethernet Cable Heat, Abrasion & Chemical Resistant

- Finely Stranded Silver-Plated Copper
- Color Coded to 586B
- Operating Temperature Range -60°C to 200°C
- TIA / EIA 568-B-2 CAT 6
- 300 Volts

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. DESIGNED FOR USE IN A VARIETY OF INDUSTRIES** — Steel, Automotive, Utility, Mining, Food & Beverage, Oil & Gas, Transportation, Wood, Pulp, & Paper and Government.
- 2. CAPABLE OF WITHSTANDING EXPOSURE TO CHEMICALS, CONSTANT FLEXING AND EXTREME TEMPERATURES**
- 3. CHEM-GARD™ ELIMINATES THE NEED FOR COMPOUNDS OR LUBRICANTS WHEN PULLING THROUGH CONDUIT AND THE TOUGH JACKET WILL ALSO WITHSTAND ABRASION AND CUTTING**
- 4. EXTREME TEMPERATURE CABLE**
- 5. IMPROVED HIGH TEMP FLEXIBILITY**
- 6. LONGER FLEX LIFE**
- 7. OIL RESISTANT**
- 8. CHEMICAL RESISTANT**
- 9. HEAT RESISTANT**
- 10. FLAME RETARDANT**

APPLICATIONS

- Data Processing & Information Systems
- High bandwidth and digital applications
- High data rate applications

ELECTRICALS

- 14.5pF/ft Capacitance Conductor to Conductor
- 100 Ohms Impedance
- 71% Velocity of Propagation

ORDERING INFORMATION (Call for pricing & availability)

PART NO.	CONDUCTOR SIZE	OVERALL SHIELD	NOMINAL O.D. (IN.)	WT. (LBS.) PER 1000'
60064	24 AWG	NO	0.292	38



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

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



TPC WIRE & CABLE CORP.
EXPECT HIGH PERFORMANCE®

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