

Bus/Data

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

Chem-Gard® 200°C CAT6 Industrial Ethernet Horizontal Cable is built for performance in the harshest of environments, including those in the metals industry. It is built to withstand a maximum conductor temperature of 200°C / 392°F. This ethernet cable features a fluoropolymer jacket that provides excellent resistance to cutting, abrasion, oil and chemicals and is available in both shielded and non-shielded options.



Ratings

TIA/EIA 568-B-2 CAT6

300V

Max Conductor Temperature 200°C

Cold Temperature Rating -60°C

Performance Characteristics

- ✓ Maximum Cable Length: Up to 100 meters (328 ft.) Horizontal Cable
- ✓ Capacitance: 14.5pF/ft Conductor to Conductor
- ✓ Impedance: 100 Ohms
- ✓ Frequency Bandwidth: 250MHz
- ✓ Data Rate: 1000 Mbps / 1 Gbps
- ✓ Bend Radius (Static): 12x Cable O.D.
- ✓ Bend Radius (Dynamic): 15x Cable O.D.

Engineered to Resist



Abrasion



High Temperature



Chemicals

Features & Benefits

Finely Stranded Silver Alloy Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Silver alloy conductors provide excellent electrical and high heat performance.

Specially Compounded Fluoropolymer Insulation

High dielectric, tensile, and mechanical properties. Offers superior resistance to lubricating oils, coolants, cutting oils, acids, and most chemicals.

Center X-Web Spline with PTFE Wrap

Keeps conductors separated and in their proper lay. Improves performance in flexing applications and provides an additional thermal barrier to extend product line in extreme temperature environments.

Heavy-Duty 95% Coverage Silver Plated Copper Braid Shield (Optional – Part No. 60063)

Silver-plated copper braid shield 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”.

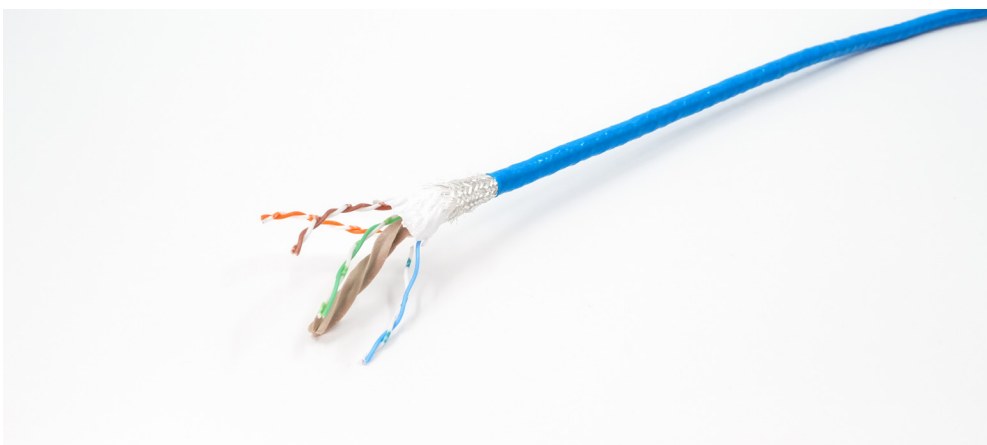
Specially Compounded ETFE Jacket

Ideal for environments where harsh chemicals are present. Superior resistance to oils, acids, solvents, and chemicals. Excellent defense against cutting and abrasion.

Ordering Information

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

Part No.	Configuration AWG/Cond	Overall Shield	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
60064	24 AWG / 4 PR	No	0.255	38	55001
60063	24 AWG / 4 PR	Yes	0.330	55	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.