

Bus/Data

Chem-Gard® Profibus High Temperature Cable

An industrial Bus/Data cable that combines Chem-Gard® chemical resistance and high temperature qualities in a Profibus construction built for performance in harsh environments.



Ratings

300V

Max Conductor Temperature 150°C

Cold Temperature Rating -40°C

Performance Characteristics

- ✓ Velocity of Propagation: 78% Nominal
- ✓ Impedance: 150 Ohms
- ✓ Capacitance: 8.5 pF/ft.
- ✓ Bend Radius (Static): 12x Cable O.D.
- ✓ Bend Radius (Dynamic): 15x Cable O.D.

Engineered to Resist



High Temperature



Chemicals

Features & Benefits

Finely Stranded Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage.

Specially Compounded Fluoropolymer Insulation

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

Ultra-Shield Tinned Copper Braid Shield + Aluminum/Polyester Foil Shield Construction

Provides 100% 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 Fluoropolymer 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	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
SC202537	22 AWG / 1 pair	0.300	43	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.