

## Control/Instrumentation

## Chem-Gard® 200 Multi-Conductor Cable

Chem-Gard® 200 Multi-Conductor Cable is a high-temperature and chemical-resistant cable for control and instrumentation applications that can withstand a maximum conductor temperature of 200°C / 392°F. This control and instrumentation cable features a fluoropolymer jacket that provides excellent chemical, abrasion, and high heat resistance. Chem-Gard® cable is roughly forty percent smaller in diameter than SOOW cable allowing it to be used in areas with restricted space and in conduit.



## Ratings



600V

Max Conductor Temperature 200°C

Cold Temperature Rating -60°C

AWM Style 2750

CSA Standard C22.2 No. 210-15 AWG Class I/II Group A/B FT1

FT1 Flame Rating

VW-1 Flame Rating

## Performance Characteristics

- ✓ Bend Radius (Static): 12x Cable O.D.
- ✓ Bend Radius (Dynamic): 15x Cable O.D.

## Engineered to Resist



Abrasion



High Temperature



Cold Temperature



Chemicals

## Features &amp; Benefits

### Finely Stranded Nickel-Plated Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Nickel-plated conductors allow for high heat resistance.

### Specially Compounded Fluoropolymer Insulation

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

### High Temperature Fluoropolymer Fillers

Will not wick up contaminants into cable. Allow conductors to move freely within the jacket for improved flex-life in dynamic applications.

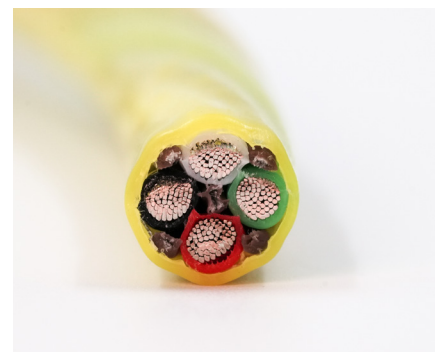
### Specially Compounded Fluoropolymer Jacket

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	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
42804	18/4	21	0.200	42	55001
42805	18/5	17	0.230	55	55001
42808	18/8	15	0.262	75	55003
42812	18/12	10	0.305	105	55003
42604	16/4	29	0.230	59	55001
42608	16/8	20	0.325	112	55002
42612	16/12	14	0.370	152	55002
42616	16/16	14	0.435	210	55004
42404	14/4	40	0.270	87	55003
42408	14/8	28	0.376	168	55004
42412	14/12	20	0.425	210	55004
42204	12/4	55	0.345	134	55002
42208	12/8	39	0.465	240	55004
421004	10/4	74	0.400	182	55004



## Notes

\*Ampacities are based on an ambient temperature of 40°C and conductor temperature of 200°C per the IEEE Standard 835 Power Cable Ampacity Table.

\*\*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.