

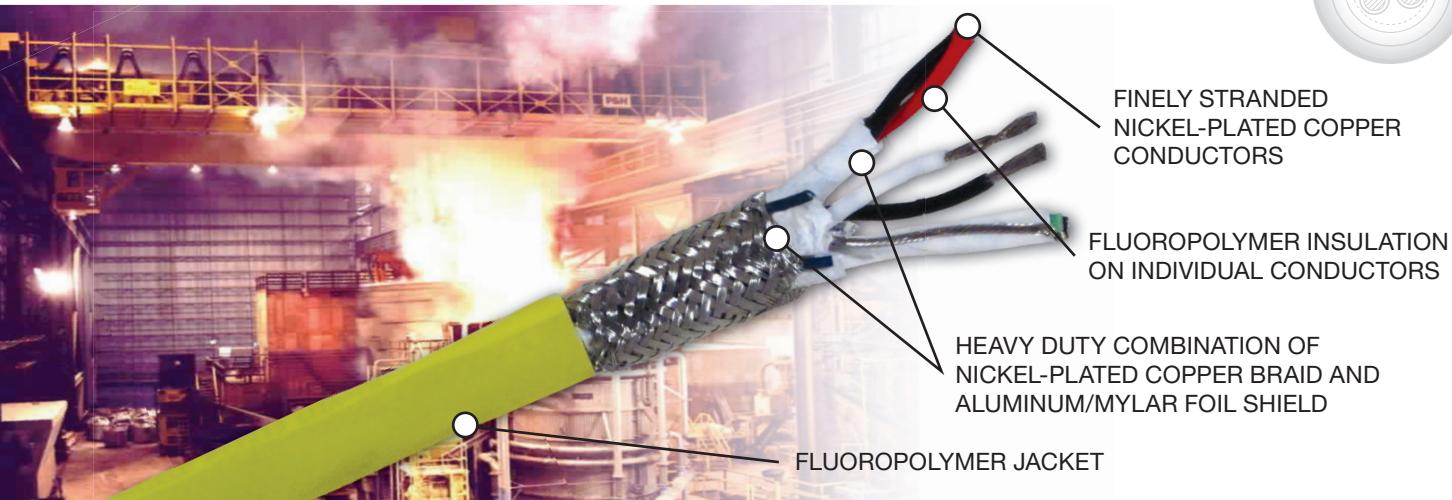
# Chem-Gard™ 200

## Encoder/Resolver Cable

### Individually Shielded Pairs

TPC  
**NEW**  
PRODUCTS

- UL Recognized
- CSA Certified
- 600 Volt
- 200° C
- FT1
- VW1
- Rated to -60° C
- RoHS Compliant



#### FEATURES & BENEFITS

**Fluoropolymer Jacket** Ideal for environments with harsh chemicals including oils, acids and solvents. Excellent protection against cutting and abrasion. Excellent performance in temperatures up to 200° C and down to -60° C.

#### Heavy duty combination of Nickel-Plated Copper Braid and Aluminum/Mylar foil shield

The combination of nickel-copper braid and aluminum/foil shield provides 100% shielding protection from EM and RF interference. Finely stranded braid is ideal for flexing applications.

#### Fluoropolymer Insulation on Individual Conductors

Offers superior resistance to oils, solvents and chemicals. Provides high dielectric capability, mechanical strength and cut resistance.

#### Finely Stranded Nickel-Plated Copper Conductors

For improved flexibility in dynamic applications and protection from corrosion and oxidation in chemical and high temperature environments.

#### ORDERING INFORMATION

Part No.	Cond Size (AWG/# Pairs)	Conductor Standing	Nominal O.D. (In.)	Ampacity (Amps)	Wt (Lbs) per 1000 ft
45502*	18/2 PR	19/30	.292	19	85
45503	18/3 PR	19/30	.325	16	98
45504	18/4 PR	19/30	.360	16	116
45506	18/6 PR	19/30	.460	16	201
45507*	18/7 PR	19/30	.460	16	209

\*Call for availability

Innovation at Work

## ORDERING INFORMATION

Part No.	Cond Size (AWG/# Pairs)	Conductor Standing	Nominal O.D. (In.)	Ampacity (Amps)	Wt (Lbs) per 1000 ft
45509*	18/9 PR	19/30	.535	12	295
45602*	20/2 PR	19/32	.262	13	65
45603*	20/3 PR	19/32	.290	11	75
45604*	20/4 PR	19/32	.330	11	96
45606*	20/6 PR	19/32	.380	11	136
45607*	20/7 PR	19/32	.380	11	140
45609*	20/9 PR	19/32	.480	8	230
45702*	22/2 PR	19/34	.225	10	52
45703*	22/3 PR	19/34	.270	9	60
45704*	22/4 PR	19/34	.300	9	76
45706*	22/6 PR	19/34	.340	9	108
45707*	22/7 PR	19/34	.340	9	110
45709*	22/9 PR	19/34	.430	6	145
45802*	24/2 PR	19/36	.215	8	42
45803*	24/3 PR	19/36	.250	7	52
45804*	24/4 PR	19/36	.275	7	62
45806*	24/6 PR	19/36	.326	7	85
45807*	24/7 PR	19/36	.326	7	123
45809*	24/9 PR	19/36	.379	5	150

\*Call for availability

## ELECTRICAL CHARACTERISTICS

AWG Size	Capacitance Cond-Cond (pF/ft)	Capacitance Cond-Shield (pF/ft)	Inductance (mH/ft)
18	32.5	58.5	0.16
20	28.8	51.8	0.17
22	25.3	45.5	0.17
24	22.4	40.3	0.19

## CHEMICAL RESISTANCE

CHEMICAL	FLUOROPOLYMER
Oxidation Resistance	Excellent
UV Rays	Excellent
Water	Excellent
Acid	Excellent
Alkali	Excellent
Gasoline/Kerosene	Excellent
Benzol Toluene	Excellent
Degreaser Solvent	Excellent
Alcohol	Excellent



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