

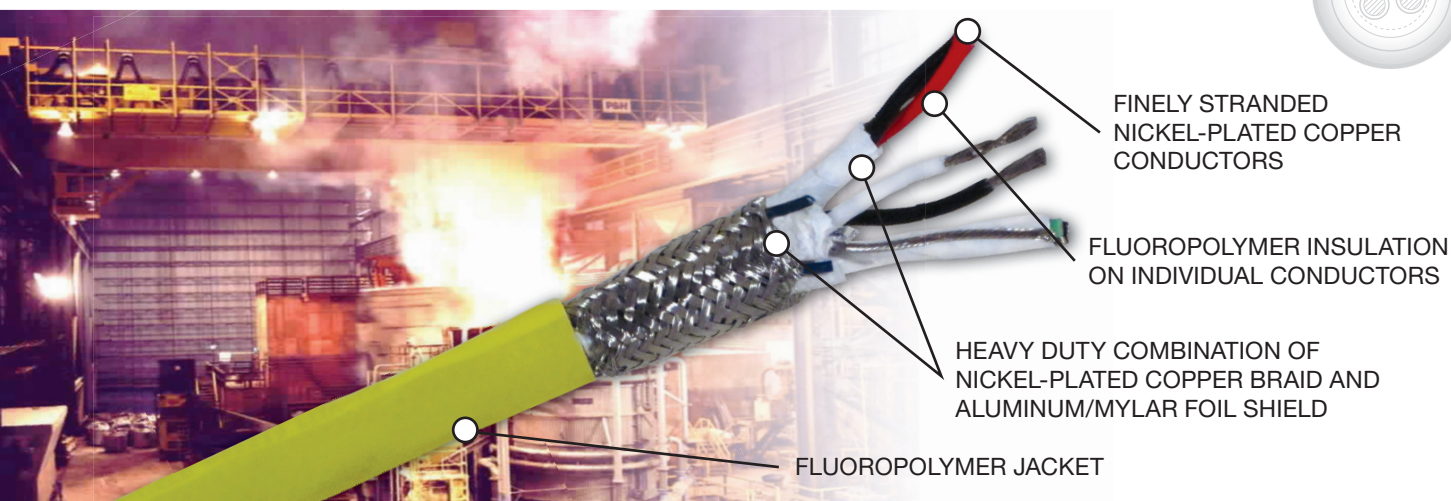
Chem-Gard™ 200

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

800-521-7935 ♦ IN CANADA 800-545-0122 ♦ IN MEXICO 001-877-283-1696 ♦ FAX 866-528-2930

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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