

INSTRUMENTATION CABLE

300 VOLT - 105°C - PAIRS - INDIVIDUAL & OVERALL SHIELD (SPOS)

Construction

Conductor:

- 7 strand bare copper.

Insulation:

- PVC.

Indiv. Shield:

- Aluminum/polyester tape.

Drain Wire:

- 7 str. tinned Cu (#20 AWG - #22), (#18 AWG - #20), (#16 AWG - #18).

Tape:

- Polyester.

Comm. Wire:

- #22 AWG 7 str bare copper insulated with 0.015" orange PVC.

Overall Shield:

- Aluminum/polyester tape.

Drain Wire:

- 7 str tinned copper.

Rip Cord:

- Nylon.

Jacket:

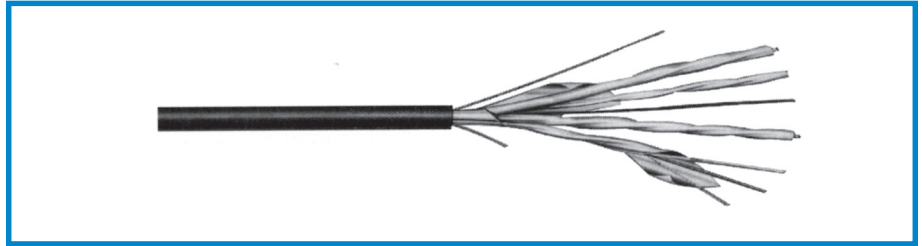
- PVC.

Color Code:

- Black and White plus each conductor is numbered.

Application:

- Process instrumentation Power Limited Tray Cable (PLTC).
- Class 1 Division 2 hazardous areas per NEC Article 725.
- Advantages: Individual shielding and twisting of pairs plus overall shield provide maximum electrostatic and electromagnetic interference rejection.



CUSTOM CATALOG NUMBER	SIZE AWG/MCM	NO. OF PAIRS	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
				INSULATION	JACKET	INCHES	LBS/MFT
3802	20	2	7	0.016	0.045	0.360	70
3804	20	4	7	0.016	0.055	0.455	102
3808	20	8	7	0.016	0.055	0.575	165
3810	20	10	7	0.016	0.066	0.685	220
3812	20	12	7	0.016	0.066	0.710	250
3814	20	16	7	0.016	0.066	0.775	310
3816	20	20	7	0.016	0.066	0.950	375
3818	20	24	7	0.016	0.078	0.970	450
3820	20	36	7	0.016	0.078	1.100	620
3825	20	50	7	0.016	0.078	1.280	820
3832	18	2	7	0.016	0.055	0.450	80
3834	18	4	7	0.016	0.055	0.510	130
3838	18	8	7	0.016	0.055	0.690	230
3840	18	10	7	0.016	0.066	0.760	280
3842	18	12	7	0.016	0.066	0.840	330
3844	18	16	7	0.016	0.066	0.940	420
3846	18	20	7	0.016	0.078	1.010	520
3848	18	24	7	0.016	0.078	1.120	620
3850	18	36	7	0.016	0.078	1.260	850
3855	18	50	7	0.016	0.089	1.470	1170
3862	16	2	7	0.016	0.055	0.480	105
3864	16	4	7	0.016	0.055	0.550	175
3868	16	8	7	0.016	0.066	0.760	320
3870	16	10	7	0.016	0.066	0.830	380
3872	16	12	7	0.016	0.078	0.910	450
3874	16	16	7	0.016	0.078	1.020	595
3876	16	20	7	0.016	0.078	1.100	725
3878	16	24	7	0.016	0.078	1.220	860
3880	16	36	7	0.016	0.089	1.410	1230
3885	16	50	7	0.016	0.089	1.600	1625

NOTE: Thermosetting Construction Available Upon Special Request.



Custom Cable Corp.

