

INSTRUMENTATION CABLE

300 VOLT - 105°C - TRIADS - INDIVIDUAL & OVERALL SHIELD (STOS)

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:

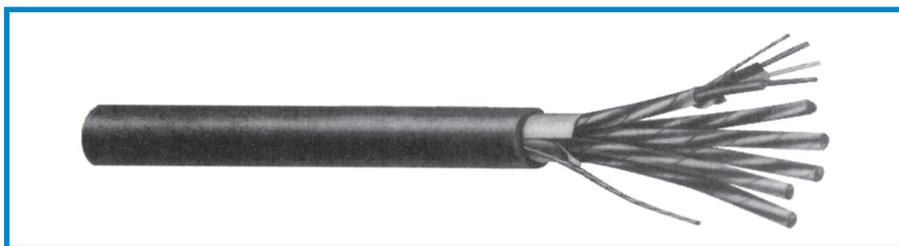
- PVC.

Color Code:

- Black, White & Red 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 triads plus overall shield provide maximum electrostatic and electromagnetic interference rejection.



CUSTOM CATALOG NUMBER	SIZE	NO. OF TRIADS	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM			INSULATION	JACKET	INCHES	LBS/MFT
3902	20	2	7	0.016	0.055	0.400	100
3904	20	4	7	0.016	0.055	0.480	130
3908	20	8	7	0.016	0.055	0.620	210
3912	20	12	7	0.016	0.066	0.770	320
3914	20	16	7	0.016	0.066	0.860	400
3918	20	24	7	0.016	0.078	1.050	650
3920	20	36	7	0.016	0.078	1.210	825
3932	18	2	7	0.016	0.055	0.490	105
3934	18	4	7	0.016	0.055	0.540	165
3938	18	8	7	0.016	0.066	0.740	285
3942	18	12	7	0.016	0.066	0.930	435
3944	18	16	7	0.016	0.078	1.020	560
3948	18	24	7	0.016	0.078	1.230	680
3950	18	36	7	0.016	0.089	1.390	1170
3962	16	2	7	0.016	0.055	0.535	130
3964	16	4	7	0.016	0.055	0.610	230
3968	16	8	7	0.016	0.066	0.840	430
3972	16	12	7	0.016	0.078	1.040	610
3974	16	16	7	0.016	0.078	1.160	810
3978	16	24	7	0.016	0.089	1.400	1210
3980	16	36	7	0.016	0.089	1.580	1635

NOTE: Thermosetting Construction Available Upon Special Request.



Custom Cable Corp.