

# INSTRUMENTATION CABLE

600 VOLT - 90°C - PAIRS - UNSHIELDED & OVERALL SHIELDED - TYPE TC

## Construction

### Conductor:

- 7 strand bare copper.

### Insulation:

- PVC plus 0.004" nylon.

### Comm. Wire:

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

### Shield (where applicable):

- Aluminum-polyester tape.

### Drain Wire (where applicable):

- 7 str tinned Copper.

### Rip Cord:

- Nylon.

### Jacket:

- PVC.

### Color Code:

- Black and White plus each conductor is numbered.

### Application:

- Process Instrumentation - Tray Cable.
- Advantages: Overall shield (where applicable) plus twisting of pairs and triads provide superior ESI & EMI rejection.
- Chemical and abrasion resistant jacket.



CUSTOM CATALOG NUMBER	SIZE	NO. OF PAIRS	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM			INSULATION	JACKET	INCHES	LBS/MFT
<b>SINGLE PAIR UNSHIELDED</b>							
4601	18	1	7	0.016	0.050	0.277	26
4631	16	1	7	0.016	0.050	0.295	31
4661	14	1	7	0.016	0.050	0.325	56
<b>SINGLE PAIR SHIELDED</b>							
4600	18	1	7	0.016	0.050	0.280	27
4630	16	1	7	0.016	0.050	0.305	34
4660	14	1	7	0.016	0.050	0.335	74
<b>MULTI PAIRS SHIELDED (OVERALL)</b>							
4602	18	2	7	0.016	0.055	0.430	83
4604	18	4	7	0.016	0.055	0.480	118
4608	18	8	7	0.016	0.066	0.630	190
4610	18	10	7	0.016	0.066	0.710	253
4612	18	12	7	0.016	0.066	0.750	290
4614	18	16	7	0.016	0.066	0.830	363
4616	18	20	7	0.016	0.089	0.960	440
4618	18	24	7	0.016	0.089	1.010	508
4620	18	36	7	0.016	0.089	1.200	738
4625	18	50	7	0.016	0.089	1.420	984
4632	16	2	7	0.016	0.055	0.465	95
4634	16	4	7	0.016	0.055	0.525	155
4638	16	8	7	0.016	0.066	0.725	266
4640	16	10	7	0.016	0.066	0.790	319
4642	16	12	7	0.016	0.089	0.870	393
4644	16	16	7	0.016	0.089	0.950	500
4646	16	20	7	0.016	0.089	0.900	610
4648	16	24	7	0.016	0.089	1.100	731
4650	16	36	7	0.016	0.089	1.300	1030
4655	16	50	7	0.016	0.089	1.550	1420
4662	14	2	7	0.021	0.055	0.560	120
4664	14	4	7	0.021	0.066	0.600	255
4668	14	8	7	0.021	0.066	0.770	430
4670	14	10	7	0.021	0.089	0.940	598
4672	14	12	7	0.021	0.089	0.980	660
4674	14	16	7	0.021	0.089	1.080	833
4676	14	20	7	0.021	0.089	1.190	1,025
4678	14	24	7	0.021	0.089	1.320	1,248
4680	14	36	7	0.021	0.089	1.520	1,670
4685	14	50	7	0.021	0.121	1.860	2,420

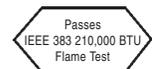
NOTE: Thermosetting Construction Available Upon Special Request.

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# Custom Cable Corp.



Listed  
Subject 13  
NEC Article 725



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