



*“Taking Care of Business”*

toll free: 800-929-9473

## INSTRUMENT CABLE - NONSHIELDED SINGLE PAIR OR TRIAD - TINNED COPPER TYPE PLTC, 105DEG C, 300VOLTS

### CONSTRUCTION:

**CONDUCTOR** STRANDED TINNED COPPER.

**INSULATION** FLAME RETARDANT PVC (COLOR CODE FOR A PAIR IS BLACK - RED; COLOR CODE FOR TRIAD IS BLACK - WHITE - RED).

**ASSEMBLY** INSULATED CONDUCTORS TWISTED TOGETHER INTO A PAIR (2/C) OR TRIAD (3/C) WITH AN APPROXIMATE 2" LAY OF TWIST.

**JACKET** SUNLIGHT AND MOISTURE RESISTANT, FLAME RETARDANT GRAY PVC.

Charlotte Wire Part#	Number of Conductors	Size AWG	Number of Strands	Insulation Thickness (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW05010	2	22	7	.015"	.035"	.19"	17
CW05011	3	22	7	.015"	.035"	.21"	24
CW05012	2	20	7	.015"	.035"	.21"	22
CW05013	3	20	7	.015"	.035"	.22"	28
CW05014	2	18	16	.015"	.035"	.23"	27
CW05015	3	18	16	.015"	.035"	.24"	36
CW05016	2	16	19	.015"	.035"	.25"	36
CW05017	3	16	19	.015"	.035"	.26"	48
CW05018	2	14	19	.015"	.042"	.28"	52
CW05019	3	14	19	.015"	.042"	.34"	83
CW05020	2	12	19	.015"	.042"	.34"	85

### APPLICATION:

Instrumentation and Control Circuits rated 300volts or less. Per NEC Article 725, approved for installation in

- 1) Cable trays indoors and outdoors,
- 2) raceways,
- 3) supported by a messenger wire,
- 4) CL2 and CL3 applications,
- 5) hazardous locations per NEC Article 501 Class 1 Division 2, and
- 6) Cable trays in hazardous locations per NEC Article 502 Class 2 Division 2.

### STANDARDS:

UL Subject 13.

Passes UL and IEEE383 70,000BTUFlame Test.

NEC Article 725 Class 2 and Class 3 Circuits.