



*“Taking Care of Business”*

toll free: 800-929-9473

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

### CONSTRUCTION:

**CONDUCTOR** 7 STRANDED BARE COPPER.

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

**ASSEMBLY** INSULATED CONDUCTORS TWISTED TOGETHER INTO A PAIR (2/C) OR TRIAD (3/C) WITH ALUMINUM/MYLAR TAPE SHIELD AND STRANDED TINNED COPPER DRAIN WIRE TO PROVIDE 100% SHIELDING COVERAGE.

**JACKET** SUNLIGHT AND MOISTURE RESISTANT, FLAME RETARDANT BLACK 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)
CW05026	2	20	7	.015"	.035"	.21"	26
CW05027	3	20	7	.015"	.035"	.22"	32
CW05028	2	18	7	.015"	.035"	.23"	30
CW05029	3	18	7	.015"	.035"	.24"	39
CW05030	2	16	7	.015"	.035"	.26"	40
CW05031	3	16	7	.015"	.035"	.28"	51

### 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.