

INSTRUMENT CABLE - SHIELDED 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 ALUMINUM/MYLAR TAPE SHIELD AND STRANDED TINNED COPPER DRAIN WIRE TO PROVIDE 100% SHIELDING COVERAGE.

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)
CW05036	2	22	7	.015"	.035"	.20"	23
CW05037	3	22	7	.015"	.035"	.21"	26
CW05038	2	20	7	.015"	.035"	.21"	26
CW05039	3	20	7	.015"	.035"	.23"	31
CW05040	2	18	16	.015"	.035"	.23"	33
CW05041	3	18	16	.015"	.035"	.24"	41
CW05042	2	16	19	.015"	.035"	.25"	44
CW05043	3	16	19	.015"	.035"	.27"	55
CW05044	2	14	19	.015"	.042"	.29"	63
CW05045	3	14	19	.015"	.042"	.34"	90
CW05046	2	12	19	.015"	.042"	.36"	99

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.