

INSTRUMENT CABLE - TINNED COPPER NONSHIELDED PAIRS WITH OVERALL SHIELD TYPE PLTC, 105DEG C, 300VOLTS

CONSTRUCTION:

CONDUCTOR STRANDED TINNED COPPER.

INSULATION FLAME RETARDANT PVC.

COLOR CODE PAIRS ARE CODED BLACK AND RED; ONE CONDUCTOR IN EACH PAIR IS ALSO NUMBERED FOR EASE OF IDENTIFICATION.

ASSEMBLY INSULATED CONDUCTORS ARE TWISTED INTO PAIRS; TWISTED PAIRS CABLED WITH OVERALL 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#	Size AWG	Number of Pairs	Number of Conductor Strands	Insulation Thickness (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW05076	22	2	7	.015"	.042"	.31"	39
CW05077	22	3	7	.015"	.042"	.32"	49
CW05078	22	4	7	.015"	.042"	.34"	60
CW05079	22	6	7	.015"	.053"	.42"	89
CW05080	22	9	7	.015"	.053"	.48"	116
CW05081	22	11	7	.015"	.053"	.51"	137
CW05082	22	15	7	.015"	.053"	.60"	168
CW05083	22	19	7	.015"	.063"	.64"	214
CW05084	22	27	7	.015"	.063"	.74"	289
CW05085	22	51	7	.015"	.075"	.95"	410
CW05086	18	2	16	.015"	.042"	.37"	67
CW05087	18	3	16	.015"	.053"	.41"	90
CW05088	18	4	16	.015"	.053"	.45"	112
CW05089	18	6	16	.015"	.053"	.52"	150
CW05090	18	9	16	.015"	.053"	.61"	210
CW05091	18	11	16	.015"	.063"	.68"	259
CW05092	18	15	16	.015"	.063"	.75"	332

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 70,000BTU Flame Test.
NEC Article 725 Class 2 and Class 3 Circuits.