



### COMPUTER / CONTROL CABLE INDIVIDUALLY SHIELDED PAIRS 300VOLTS TYPE CM (22AWG - 18AWG)

**CONSTRUCTION:**

**CONDUCTOR** STRANDED TINNED COPPER.

**INSULATION** POLYVINYL CHLORIDE (PVC), POLYPROPYLENE (PPE), OR POLYETHYLENE (PE), COLOR CODED PER CHART 3 AS SHOWN.

**ASSEMBLY/SHIELD** CONDUCTORS TWISTED INTO PAIRS; TWISTED PAIRS CABLED WITH OVERALL ALUMINUM/POLYESTER FOIL AND STRANDED TINNED DRAIN WIRE FOR 100% SHIELDING COVERAGE.

**JACKET** GRAY POLYVINYL CHLORIDE (PVC).

Charlotte Wire Part#	Size AWG	Number of Pairs	Insulation Thickness (in.)	Insulation Type	Approx. O.D. (in.)	Net Weight (Lbs/Mft)
CW09171*	22	2	.010"	PPE	.17"	22
CW09172	22	3	.010"	PPE	.28"	47
CW09173	22	6	.010"	PPE	.37"	85
CW09174	22	9	.010"	PPE	.43"	118
CW09175	22	11	.010"	PPE	.47"	132
CW09176	22	12	.010"	PPE	.48"	150
CW09177	22	15	.010"	PPE	.57"	188
CW09178	22	19	.010"	PPE	.62"	242
CW09179	22	27	.010"	PPE	.72"	345
CW09190	22	37	.010"	PPE	.81"	480
CW09180*	20	2	.010"	PVC	.29"	53
CW09181	20	3	.013"	PE	.34"	65
CW09182	20	6	.013"	PE	.45"	115
CW09183	20	9	.013"	PE	.55"	173
CW09184	20	12	.013"	PE	.60"	218
CW09191	20	15	.013"	PE	.71"	260
CW09185	18	3	.016"	PE	.39"	90
CW09186	18	6	.016"	PE	.56"	190
CW09187	18	9	.016"	PE	.65"	252
CW09188	18	12	.016"	PE	.72"	335
CW09189	18	15	.016"	PE	.81"	410

\*Color code for CW09171 and CW09180 is: 1Pair Black/Red and 1Pair Green/White.

**APPLICATION:**

Suitable as control cable, audio cable, and computer cable, including EIA RS232 applications.

**STANDARDS:**

NEC Article 800: Type CM.  
AWM Style 2919: 30V/80Deg C (PPE & PE ins.).  
AWM Style 2464: 300V/80Deg C(PVC ins.-CW09180).

Pair Number	Pair Colors	Pair Number	Pair Colors	Pair Number	Pair Colors
1	Black & Red	10	Red & Blue	19	White & Blue
2	Black & White	11	Red & Yellow	20	White & Yellow
3	Black & Green	12	Red & Brown	21	White & Brown
4	Black & Blue	13	Red & Orange	22	White & Orange
5	Black & Yellow	14	Green & White	23	Blue & Yellow
6	Black & Brown	15	Green & Blue	24	Blue & Brown
7	Black & Orange	16	Green & Yellow	25	Blue & Orange
8	Red & White	17	Green & Brown	26	Brown & Yellow
9	Red & Green	18	Green & Orange	27	Brown & Orange