

## MULTICONDUCTOR OVERALL FOIL SHIELD CONTROL AND AUDIO CABLES , TYPE CM 300VOLTS UL AWM 300VOLTS (22-18AWG), UL AWM 600VOLTS (16-12AWG)

### CONSTRUCTION:

**CONDUCTOR** STRANDED TINNED COPPER.

**INSULATION** COLOR CODED POLYETHYLENE (PE). (COLOR CODE SEQUENCE IS FIRST - BLACK, SECOND - CLEAR, THIRD - RED, AND FOURTH - GREEN). \*CW09311 HAS PVC INSULATION (BLACK, WHITE, RED, AND GREEN).

**SHIELD** ALUMINUM/MYLAR TAPE WITH STRANDED TINNED COPPER DRAIN WIRE FOR 100% SHIELDING COVERAGE.

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

Charlotte Wire Part#	Number of Conductors	Size AWG	Number of Strands	Insulation Type	Insulation Thickness (in.)	Jacket Thickness (in.)	UL Style	Approx. O.D. (in.)	Net Weight (Lbs/Mft)
CW09301	2	22	7	PE	.015"	.025"	2092	.18"	18
CW09302	3	22	7	PE	.015"	.030"	2093	.20"	23
CW09312	4	22	7	PE	.015"	.020"	2094	.21"	24
CW09303	2	20	7	PE	.015"	.030"	2092	.21"	24
CW09304	3	20	7	PE	.015"	.030"	2093	.22"	32
CW09305	2	18	16	PE	.015"	.030"	2092	.22"	25
CW09306	3	18	16	PE	.015"	.030"	2093	.23"	38
CW09311	4	18	19	PVC	.010"	.032"	2464	.25"	48
CW09307*	2	16	19	PE	.032"	.032"	20253	.31"	55
CW09308*	3	16	19	PE	.032"	.032"	2107	.32"	65
CW09309*	2	14	19	PE	.032"	.032"	20253	.34"	68
CW09310*	2	12	19	PE	.032"	.040"	20253	.38"	100

\*CW09307-CW09310 are rated 300Volts NEC CM and also rated 600Volts per their respective UL AWM Style.

### APPLICATION:

Control and Instrumentation wiring of industrial equipment, computer wiring, and for sound/audio systems

### STANDARDS:

UL AWM Style 2092: 2/C 300Volts 60Deg C.

UL AWM Style 2093: 3/C 300Volts 60Deg C.

UL AWM Style 2094: 4/C 300Volts 60Deg C.

UL AWM Style 2107: 2/C 600Volts 60Deg C.

UL AWM Style 20253: 600Volts 80Deg C.

UL AWM Style 2464: 300Volts 80Deg C.

NEC Article 800: Type CM 300Volts.