



Charlotte™ Wire & Cable Company Inc.

“Taking Care of Business”

toll free: 800-929-9473

MULTICONDUCTOR SOUND & SECURITY CABLE OVERALL SHIELDED - NONPLENUM SIZES 22 AND 20AWG NEC ARTICLES 725/800, TYPE CMR/CL2R

CONSTRUCTION:

CONDUCTOR SOLID OR STRANDED BARE COPPER.

INSULATION POLYVINYL CHLORIDE (PVC), INDIVIDUALLY COLOR CODED PER CHART BELOW:

ASSEMBLY INSULATED CONDUCTORS CABLED WITH ALUMINUM/MYLAR TAPE SHIELD AND TINNED COPPER DRAIN WIRE.

JACKET GRAY POLYVINYL CHLORIDE (PVC).

Charlotte Wire Part#	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft.)
CW09246	22	2	Solid	.009"	.015"	.13"	12
CW09247	22	3	Solid	.009"	.015"	.14"	15
CW09248	22	4	Solid	.009"	.015"	.15"	18
CW09249	22	2	7	.009"	.015"	.14"	13
CW09250	22	3	7	.009"	.015"	.15"	16
CW09251	22	4	7	.009"	.015"	.16"	20
CW09252	22	5	7	.009"	.015"	.17"	23
CW09253	22	6	7	.009"	.015"	.18"	26
CW09254	22	8	7	.009"	.015"	.20"	31
CW09255	22	10	7	.009"	.015"	.23"	40
CW09256	22	12	7	.009"	.015"	.25"	45
CW09257	22	15	7	.009"	.020"	.29"	53
CW09258	22	20	7	.009"	.020"	.32"	70
CW09259	22	25	7	.009"	.025"	.35"	83
CW09260	22	30	7	.009"	.025"	.39"	99
CW09261	20	2	7	.009"	.015"	.15"	17
CW09262	20	3	7	.009"	.015"	.16"	22
CW09263	20	4	7	.009"	.015"	.17"	27
CW09264	20	5	7	.009"	.015"	.19"	31
CW09265	20	6	7	.009"	.015"	.20"	36
CW09266	20	8	7	.009"	.015"	.23"	45
CW09267	20	10	7	.009"	.015"	.25"	56
CW09268	20	12	7	.009"	.015"	.28"	67

APPLICATION:

Suitable for general purpose use. Resistant to the spread of fire. Used in sound/audio systems, intercom/P.A. systems, security systems, power limited controls, and remote control signaling.

STANDARDS:

NEC Article 725 (Type CL2,CL2R).
NEC Article 800 (Type CM,CMR).

Color Code Chart:

(Second color after slash is the stripe color.)

Conductor#	Color	Conductor#	Color	Conductor#	Color
1st	Black	11th	Pink	21st	White/Gray
2nd	Red	12th	Tan	22nd	Black/Red
3rd	White	13th	White/Black	23rd	Black/Green
4th	Green	14th	White/Red	24th	Black/Yellow
5th	Brown	15th	White/Green	25th	Black/Blue
6th	Blue	16th	White/Orng	26th	Black/Brown
7th	Orange	17th	White/Blue	27th	Black/Orange
8th	Yellow	18th	White/Brwn	28th	Black/Gray
9th	Purple	19th	White/Yellow	29th	Black/Purple
10th	Gray	20th	White/Purple	30th	Red/Green