

# Multi-Conductor, Unshielded, Riser

## NEC Type CMR and/or CL3R



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT POUNDS
				INCHES	MM	INCHES	MM		
<b>22 AWG CONDUCTORS</b>									
W221P-1052	2	22	7/30	0.008	0.20	0.015	0.38	0.122	9 lbs.
W223C-1193	3	22	7/30	0.008	0.20	0.015	0.38	0.129	11 lbs.
W224C-1108	4	22	7/30	0.008	0.20	0.015	0.38	0.156	14 lbs.
W226C-1024	6	22	7/30	0.008	0.20	0.015	0.38	0.164	22 lbs.
W228C-1906	8	22	7/30	0.008	0.20	0.015	0.38	0.180	26 lbs.
W2210C-1149	10	22	7/30	0.008	0.20	0.015	0.38	0.212	36 lbs.
W2212C-1286	12	22	7/30	0.008	0.20	0.015	0.38	0.219	42 lbs.
<b>20 AWG CONDUCTORS</b>									
W201P-1014	2	20	7/28	0.008	0.23	0.015	0.38	0.138	12 lbs.
W203C-1076	3	20	7/28	0.009	0.23	0.015	0.38	0.146	17 lbs.
W204C-1129	4	20	7/28	0.009	0.23	0.015	0.38	0.161	21 lbs.
<b>18 AWG CONDUCTORS</b>									
W181P-1002	2	18	7/26	0.008	0.20	0.015	0.38	0.156	17 lbs.
W183C-1045	3	18	7/26	0.008	0.20	0.015	0.38	0.166	25 lbs.
W184C-1037	4	18	7/26	0.008	0.20	0.015	0.38	0.187	32 lbs.
W186C-1049	6	18	7/26	0.008	0.23	0.015	0.38	0.216	47 lbs.
W188C-1041	8	18	7/26	0.008	0.23	0.015	0.38	0.235	61 lbs.
W1812C-1236	10	18	7/26	0.008	0.23	0.015	0.38	0.270	66 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-1031	2	16	19/.0117	0.008	0.20	0.015	0.38	0.174	26 lbs.
W163C-1904	3	16	19/.0117	0.008	0.20	0.015	0.38	0.185	33 lbs.
W164C-1123	4	16	19/.0117	0.008	0.20	0.015	0.38	0.204	45 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-1081*	2	14	19/.0147	0.011	0.20	0.015	0.38	0.216	37 lbs.
W144C-1109*	4	14	19/.0147	0.011	0.20	0.015	0.38	0.255	68 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-1058*	2	12	19/.0185	0.011	0.20	0.015	0.38	0.252	52 lbs.

\* NEC CL3R only



### Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	Red	8	Yellow
3	White	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

## Product Construction

### CONDUCTOR:

- Stranded or solid bare copper

### INSULATION:

- Premium grade color coded S-R PVC

### JACKET:

- Premium grade gray PVC
- Sequential footage markings to facilitate installation
- Suitable for use from - 20°C to + 75°C
- Includes ripcord

### APPLICATIONS:

- Power limited control circuits
- Wiring of the following systems:
  - Intercom
  - Security
  - Audio
  - Background music
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- NEC Article 725 Type CL3R (UL: 75°C, 150V)
- NEC Article 800 Type CMR (UL: 75°C, 300V)
- California State Fire Marshall Approved

### PACKAGING:

- 1000' (305m) Pull-Pac® Cartons
- 1000' (305m) Spools or Reels
- Other put-ups available—consult Customer Service

# Multi-Conductor, Shielded, Riser NEC Type CMR and/or CL3R



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT
				INCHES	MM	INCHES	MM		
<b>22 AWG CONDUCTORS</b>									
W221P-1001	2	22	7/30	0.008	0.20	0.015	0.38	0.132	11 lbs.
W223C-1097	3	22	7/30	0.008	0.20	0.015	0.38	0.135	14 lbs.
W224C-1005	4	22	7/30	0.008	0.20	0.015	0.38	0.147	17 lbs.
W226C-1042	6	22	7/30	0.008	0.20	0.015	0.38	0.173	23 lbs.
W228C-1252	8	22	7/30	0.008	0.20	0.015	0.38	0.195	28 lbs.
W2210C-1451	10	22	7/30	0.008	0.20	0.015	0.38	0.218	34 lbs.
W2212C-1198	12	22	7/30	0.008	0.20	0.015	0.38	0.225	40 lbs.
<b>20 AWG CONDUCTORS</b>									
W201P-1069	2	20	7/28	0.008	0.20	0.015	0.38	0.142	11 lbs.
W203C-1019	3	20	7/28	0.008	0.20	0.015	0.38	0.151	18 lbs.
W204C-1207	4	20	7/28	0.008	0.20	0.015	0.38	0.171	23 lbs.
<b>18 AWG CONDUCTORS</b>									
W181P-1003	2	18	7/26	0.009	0.23	0.015	0.38	0.164	20 lbs.
W183C-1240	3	18	7/26	0.009	0.23	0.015	0.38	0.172	27 lbs.
W184C-1051	4	18	7/26	0.009	0.23	0.015	0.38	0.192	33 lbs.
W186C-1046	6	18	7/26	0.009	0.23	0.015	0.38	0.230	41 lbs.
W188C-1068	8	18	7/26	0.009	0.23	0.015	0.38	0.250	49 lbs.
W1810C-1003	10	18	7/26	0.009	0.23	0.015	0.38	0.287	64 lbs.
W1812C-1966	12	18	7/26	0.009	0.23	0.015	0.38	0.296	76 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-1010	2	16	19/.0117	0.010	0.25	0.015	0.38	0.189	25 lbs.
W163C-1469	3	16	19/.0117	0.010	0.25	0.015	0.38	0.198	38 lbs.
W164C-1953	4	16	19/.0117	0.010	0.25	0.015	0.38	0.219	76 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-1219*	2	14	19/.0147	0.013	0.33	0.015	0.38	0.245	42 lbs.
W144C-1971*	4	14	19/.0147	0.013	0.33	0.015	0.38	0.269	75 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-1377*	2	12	19/.0185	0.013	0.33	0.015	0.38	0.281	60 lbs.

\* NEC CL3R only



## Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	7	Orange
2	Red	8	Yellow
3	White	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

## Product Construction

### CONDUCTOR:

- Stranded or solid bare copper per ASTM B-3, B-8 and B-286

### INSULATION:

- Premium grade color coded S-R PVC

### SHIELD:

- Overall Flexfoil® polyester supported aluminum foil
- Stranded tinned copper drain wire

### JACKET:

- Premium grade gray PVC
- Sequential footage markings to facilitate installation
- Suitable for use from - 20°C to +75°C
- Includes ripcord

### APPLICATIONS:

- Power limited control circuits
- Wiring of the following systems:
  - Intercom
  - Security
  - Audio
  - Background music
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- NEC Article 725 Type CL3R (UL: 75°C, 150V)
- NEC Article 800 Type CMR (UL: 75°C, 300V)

### PACKAGING:

- 1000' (305m) Pull-Pac® Cartons
- 1000' (305m) Spools or Reels
- 500' (152m) Spools or Reels
- Other put-ups available—consult Customer Service

TEMP.  
CONTROL

# Multi-Conductor, Unshielded, Plenum

## NEC Type CMP and/or CL3P



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT POUNDS
				INCHES	MM	INCHES	MM		
<b>22 AWG CONDUCTORS</b>									
W221P-2005	2	22	7/30	0.008	0.20	0.015	0.38	0.120	9 lbs.
W223C-2036	3	22	7/30	0.008	0.20	0.015	0.38	0.127	12 lbs.
W224C-2057	4	22	7/30	0.008	0.20	0.015	0.38	0.139	15 lbs.
W226C-2083	6	22	7/30	0.008	0.20	0.015	0.38	0.164	21 lbs.
W228C-2089	8	22	7/30	0.008	0.20	0.015	0.38	0.178	26 lbs.
W2212C-2235	12	22	7/30	0.008	0.20	0.015	0.38	0.205	38 lbs.
<b>20 AWG CONDUCTORS</b>									
W201P-2053	2	20	7/28	0.008	0.23	0.015	0.38	0.138	12 lbs.
W203C-2064	3	20	7/28	0.009	0.23	0.015	0.38	0.146	17 lbs.
W204C-2065	4	20	7/28	0.009	0.23	0.015	0.38	0.161	21 lbs.
<b>18 AWG CONDUCTORS</b>									
W181P-2051	2	18	7/26	0.008	0.20	0.015	0.38	0.156	17 lbs.
W183C-2052	3	18	7/26	0.008	0.20	0.015	0.38	0.166	25 lbs.
W184C-2099	4	18	7/26	0.008	0.20	0.015	0.38	0.187	32 lbs.
W186C-2054	6	18	7/26	0.008	0.23	0.015	0.38	0.216	47 lbs.
W188C-2046	8	18	7/26	0.008	0.23	0.015	0.38	0.235	61 lbs.
W1810C-2078	10	18	7/26	0.008	0.23	0.015	0.38	0.270	66 lbs.
W1812C-2148	12	18	7/26	0.008	0.23	0.015	0.38	0.279	83 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-2062	2	16	19/.0117	0.008	0.20	0.015	0.38	0.174	26 lbs.
W163C-2008	3	16	19/.0117	0.008	0.20	0.015	0.38	0.185	33 lbs.
W164C-2102	4	16	19/.0117	0.008	0.20	0.015	0.38	0.204	45 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-2013*	2	14	19/.0147	0.011	0.20	0.015	0.38	0.216	37 lbs.
W144C-2093*	4	14	19/.0147	0.011	0.20	0.015	0.38	0.255	68 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-2151*	2	12	19/.0185	0.011	0.20	0.015	0.38	0.252	52 lbs.
W124C-2271*	4	12	19/.0185	0.011	0.20	0.015	0.38	0.298	106 lbs.

\* NEC CL3P only



### Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	5	Brown
2	White	6	Blue
3	Red	7	Orange
4	Green	8	Yellow

## Product Construction

### CONDUCTOR:

- Stranded or solid bare copper per ASTM B-3, B-8 and B-286

### INSULATION:

- Premium grade color coded Plenum Rated PVC

### JACKET:

- Premium grade Plenum Rated PVC
- Multiple jacket colors available – consult sales office
- Sequential footage markings to facilitate installation
- Suitable for use from -20°C to +75°C
- Ripcord available – consult Customer Service for details

### APPLICATIONS:

- Power limited control circuits
- Wiring of the following systems:
  - Intercom
  - Security
  - Audio
  - Temperature Controls
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- NEC Article 725 Type CL3P (UL: 75°C, 150V)
- NEC Article 800 Type CMP (UL: 75°C, 300V)

### PACKAGING:

- 1000' (305m) Pull-Pac® Cartons
- 1000' (305m) Reels
- Other put-ups available – consult Customer Service

# Multi-Conductor, Shielded, Plenum

## NEC Type CMP and/or CL3P



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT POUNDS
				INCHES	MM	INCHES	MM		
<b>22 AWG CONDUCTORS</b>									
W221P-2044	2	22	7/30	0.008	0.20	0.015	0.38	0.128	14 lbs.
W223C-2144	3	22	7/30	0.008	0.20	0.015	0.38	0.131	16 lbs.
W224C-2020	4	22	7/30	0.008	0.20	0.015	0.38	0.147	19 lbs.
W226C-2077	6	22	7/30	0.008	0.20	0.015	0.38	0.173	24 lbs.
W228C-2032	8	22	7/30	0.008	0.20	0.015	0.38	0.184	28 lbs.
<b>20 AWG CONDUCTORS</b>									
W201P-2057	2	20	7/28	0.008	0.23	0.015	0.38	0.143	15 lbs.
W203C-2173	3	20	7/28	0.009	0.23	0.015	0.38	0.151	19 lbs.
W204C-2124	4	20	7/28	0.009	0.23	0.015	0.38	0.166	24 lbs.
<b>18 AWG CONDUCTORS</b>									
W181P-2040	2	18	7/26	0.008	0.20	0.015	0.38	0.164	21 lbs.
W183C-2058	3	18	7/26	0.008	0.20	0.015	0.38	0.169	28 lbs.
W184C-2059	4	18	7/26	0.008	0.20	0.015	0.38	0.185	36 lbs.
W186C-2055	6	18	7/26	0.008	0.23	0.015	0.38	0.231	51 lbs.
W188C-2030	8	18	7/26	0.008	0.23	0.015	0.38	0.252	56 lbs.
W1810C-2088	10	18	7/26	0.008	0.23	0.015	0.38	0.270	70 lbs.
W1812C-2145	12	18	7/26	0.008	0.23	0.015	0.38	0.279	85 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-2084	2	16	19/.0117	0.008	0.20	0.015	0.38	0.179	27 lbs.
W163C-2018	3	16	19/.0117	0.008	0.20	0.015	0.38	0.190	37 lbs.
W164C-2155	4	16	19/.0117	0.008	0.20	0.015	0.38	0.209	48 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-2087*	2	14	19/.0147	0.008	0.20	0.015	0.38	0.207	40 lbs.
W144C-2297*	4	14	19/.0147	0.008	0.20	0.015	0.38	0.260	75 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-2144*	2	12	19/.0185	0.008	0.20	0.015	0.38	0.244	55 lbs.
W124C-2273*	4	12	19/.0185	0.008	0.20	0.015	0.38	0.288	120 lbs.

\* NEC CL3P only



### Color Code Chart

NO. OF COND.	COLOR	NO. OF COND.	COLOR
1	Black	5	Brown
2	White	6	Blue
3	Red	7	Orange
4	Green	8	Yellow

## Product Construction

### CONDUCTOR:

- Stranded or solid bare copper

### INSULATION:

- Premium grade color coded Plenum Rated PVC

### SHIELD:

- Overall Flexfoil® polyester supported aluminum foil
- Stranded tinned copper drain wire

### JACKET:

- Premium grade Plenum Rated PVC

- Sequential footage markings to facilitate installation
- Suitable for use from -20°C to + 75°C
- Ripcord available—consult Customer Service for details

### APPLICATIONS:

- Power limited control circuits
- Wiring of the following systems:
  - Intercom
  - Security
  - Audio
  - Background music
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- NEC Article 725 Type CL3P (UL: 75°C, 150V)
- NEC Article 800 Type CMP (UL: 75°C, 300V)

### PACKAGING:

- 1000' (305m) Pull-Pac® Cartons
- 1000' (305m) Reels
- Other put-ups available—consult Customer Service

TEMP. CONTROL