

# Multi-Conductor, Unshielded, Non-Plenum NEC Type FPLR



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>18 AWG CONDUCTORS</b>									
W181P-1604	2	18	Solid	0.010	0.25	0.015	0.38	0.150	16 lbs.
W184C-1602	4	18	Solid	0.010	0.25	0.015	0.38	0.175	29 lbs.
W186C-1654	6	18	Solid	0.010	0.25	0.015	0.38	0.210	41 lbs.
W188C-1667	8	18	Solid	0.010	0.25	0.015	0.38	0.230	53 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-1601	2	16	Solid	0.010	0.25	0.015	0.38	0.172	23 lbs.
W164C-1614	4	16	Solid	0.010	0.25	0.015	0.38	0.202	42 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-1607	2	14	Solid	0.013	0.33	0.015	0.38	0.210	36 lbs.
W144C-1651	4	14	Solid	0.013	0.33	0.015	0.38	0.248	66 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-1624	2	12	Solid	0.013	0.33	0.015	0.38	0.244	53 lbs.
W124C-1656	4	12	Solid	0.013	0.33	0.015	0.38	0.288	99 lbs.



### Color Code Chart

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

# Multi-Conductor, Shielded, Non-Plenum NEC Type FPLR



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>18 AWG CONDUCTORS</b>									
W181P-1603	2	18	Solid	0.010	0.25	0.015	0.38	0.158	19 lbs.
W184C-1605	4	18	Solid	0.010	0.25	0.015	0.38	0.183	32 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-1606	2	16	Solid	0.010	0.25	0.015	0.38	0.180	26 lbs.
W164C-1628	4	16	Solid	0.010	0.25	0.015	0.38	0.210	42 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-1600	2	14	Solid	0.013	0.33	0.015	0.38	0.218	41 lbs.
W144C-1650	4	14	Solid	0.013	0.33	0.015	0.38	0.253	76 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-1653	2	12	Solid	0.013	0.33	0.015	0.38	0.252	56 lbs.
W124C-1659	4	12	Solid	0.013	0.33	0.015	0.38	0.293	115 lbs.



### Color Code Chart

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

## Product Construction

### CONDUCTOR:

- Solid bare copper

### INSULATION:

- Premium grade, color coded, S-R PVC

### JACKET:

- Premium grade, Red PVC, other jacket colors may be available – consult sales office
- Suitable for use from 20°C to + 75°C
- Round constructions have sequential footage markings to facilitate installation
- Includes ripcord on round constructions

### APPLICATIONS:

- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPLR (UL: 75°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Designed to meet UL 1666 Flame Test

### PACKAGING:

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

## Product Construction

### CONDUCTOR:

- Solid bare copper

### INSULATION:

- Premium grade, color coded, S-R PVC

### SHIELD:

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

### JACKET:

- Premium grade, Red PVC, other jacket colors may be available – consult sales office
- Suitable for use from 0°C to + 75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

### APPLICATIONS:

- Wiring of fire alarms
- Smoke alarms
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPLR (UL: 75°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Designed to Meet UL 1666 Flame Test

### PACKAGING:

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

FIRE ALARM/  
LIFE SAFETY

# Mid-Capacitance, Shielded, Non-Plenum

## NEC Type FPL for Microprocessor Controlled Systems



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	NOMINAL PF/FT		WEIGHT POUNDS
				INCHES	MM	INCHES	MM		A*	B*	
W181P-1608	2	18	Solid	0.014	0.36	0.020	0.51	0.182	27.0	49.0	22 lbs.
W161P-1609	2	16	Solid	0.016	0.41	0.020	0.51	0.214	29.0	52.0	30 lbs.
W141P-1649	2	14	Solid	0.018	0.46	0.020	0.51	0.287	31.0	55.5	47 lbs.

\*A - Capacitance between conductors

\*B - Capacitance between one conductor and other conductors connected to shield



### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue

## Product Construction

### CONDUCTOR:

- Solid bare copper

### INSULATION:

- Premium grade color coded polypropylene
- Color code: see chart below

### SHIELD:

- 100% Flexfoil® aluminum/polyester, 25% overlap, minimum
- Stranded tinned copper drain wire

### JACKET:

- PVC, red
- Temperature range: 0°C to + 60°C

### APPLICATIONS:

- Addressable fire alarm systems
- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPL (UL: 60°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Passes UL 70,000 BTU Vertical Tray Flame Test

### PACKAGING:

- 1000' (30 m) reels
- Other put-ups available—consult Customer Service

# Mid-Capacitance, Unshielded, Non-Plenum

## NEC Type FPL for Microprocessor Controlled Systems



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	NOM. C-C CAP. PF/FT*	WEIGHT POUNDS
				INCHES	MM	INCHES	MM			
W181P-1617	2	18	Solid	0.014	0.36	0.020	0.51	0.177	16.5	22 lbs.
W161P-1647	2	16	Solid	0.016	0.41	0.020	0.51	0.206	17.5	30 lbs.
W141P-1656	2	14	Solid	0.018	0.46	0.020	0.51	0.240	18.0	38 lbs.



### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue

## Product Construction

### CONDUCTOR:

- 18 thru 12 AWG fully annealed solid bare copper per ASTM B3

### INSULATION:

- Premium grade color coded polypropylene
- Color code: see chart below

### JACKET:

- PVC, red
- Temperature range: - 20°C to + 60°C

### APPLICATIONS:

- Addressable fire alarm systems
- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPL (UL: 60°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Passes UL 70,000 BTU Vertical Tray Flame Test

### PACKAGING:

- 1000' (305m) Reels
- 500' (152m) Reels
- Other put-ups available—consult Customer Service

# Multi-Conductor, Shielded, Direct Burial

NEC Type FPL / PLTC 300V



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT POUNDS
				INCHES	MM	INCHES	MM		
W181P-1676	2	18	7/26	0.015	0.005	0.040	1.02	0.310	48 lbs.
W161P-1661	2	16	7/24	0.015	0.005	0.040	1.02	0.328	58 lbs.
W141P-1662	2	14	19/27	0.015	0.005	0.040	1.02	0.350	75 lbs.



### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue

# Multi-Conductor, Unshielded, Direct Burial

NEC Type FPL / PLTC 300V



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT POUNDS
				INCHES	MM	INCHES	MM		
W181P-1679	2	18	7/26	0.015	0.005	0.040	1.02	0.270	37 lbs.
W184C-1693	4	18	7/26	0.015	0.005	0.040	1.02	0.327	59 lbs.
W161P-1657	2	16	7/24	0.015	0.005	0.040	1.02	0.295	48 lbs.
W141P-1663	2	14	19/27	0.015	0.005	0.040	1.02	0.310	59 lbs.
W144C-1699	4	14	19/27	0.015	0.005	0.040	1.02	0.395	98 lbs.



### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue

## Product Construction

### CONDUCTOR:

- Stranded copper per ASTM B3

### INSULATION:

- PVC with nylon
- Color code: see chart below

### SHIELD:

- 100% Flexfoil® aluminum/polyester foil, 25% overlap, minimum
- Stranded tinned copper drain wire

### JACKET:

- PVC, Black
- Temperature range: - 20°C to + 105°C dry locations, 75°C wet locations
- Includes ripcord

### APPLICATIONS:

- Fire alarm systems
- Smoke detectors
- Fire protective circuits
- Burglar alarms
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type PLTC/FPLR (UL: 105°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved

### FEATURES:

- Sunlight and moisture resistant jacket
- Sequentially footage marked
- Water blocked construction

### PACKAGING:

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

## Product Construction

### CONDUCTOR:

- Stranded bare copper

### INSULATION:

- PVC with nylon
- Color code: see chart below

### JACKET:

- PVC, Black
- Temperature range: - 20°C to + 105°C dry locations, 75°C wet locations
- Includes ripcord

### APPLICATIONS:

- Fire alarm systems
- Voice communications
- Smoke detectors
- Burglar Alarms
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type PLTC/FPLR (UL: 105°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved

### FEATURES:

- Sunlight and moisture resistant jacket
- Sequentially footage marked
- Water blocked construction

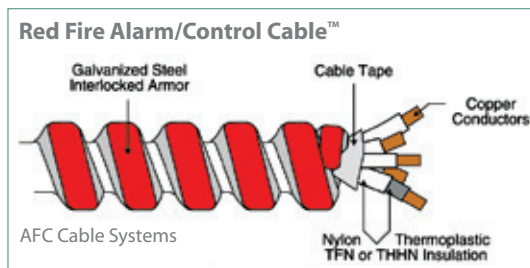
### PACKAGING:

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

FIRE ALARM/  
LIFE SAFETY

# Multi-Conductor, Type MC

## FPLP/MC 300V/600V



Multi-Conductor, Unshielded, Type MC

PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL O.D.	WEIGHT
<b>18 AWG CONDUCTORS</b>					
W181P-1604MC	2	18	Solid	0.410	115 lbs.
W184C-1602MC	4	18	Solid	0.430	130 lbs.
<b>16 AWG CONDUCTORS</b>					
W161P-1601MC	2	16	Solid	0.420	130 lbs.
W164C-1614MC	4	16	Solid	0.440	155 lbs.
<b>14 AWG CONDUCTORS</b>					
W141P-1607MC	2	14	Solid	0.470	175 lbs.
W144C-1651MC	4	14	Solid	0.510	230 lbs.

# Multi-Conductor, Type CI

Multi-Conductor, Unshielded, Type CI

PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL O.D.	WEIGHT
<b>18 AWG CONDUCTORS</b>					
W181P-1604CI	2	18	Solid	0.390	82 lbs.
W184C-1602CI	4	18	Solid	0.445	127 lbs.
<b>16 AWG CONDUCTORS</b>					
W161P-1601CI	2	16	Solid	0.350	64 lbs.
W164C-1614CI	4	16	Solid	0.400	96 lbs.
<b>14 AWG CONDUCTORS</b>					
W141P-1607CI	2	14	Solid*	0.390	82 lbs.
W144C-1651CI	4	14	Solid*	0.445	127 lbs.

\*May be stranded construction. Consult your sales representative.

Multi-Conductor, Shielded, Type CI

PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL O.D.	WEIGHT
<b>18 AWG CONDUCTORS</b>					
W181P-1603CI	2	18	Solid	0.310	54 lbs.
W184C-1605CI	4	18	Solid	0.355	77 lbs.
<b>16 AWG CONDUCTORS</b>					
W161P-1606CI	2	16	Solid	0.330	63 lbs.
W164C-1628CI	4	16	Solid	0.375	96 lbs.
<b>14 AWG CONDUCTORS</b>					
W141P-1600CI	2	14	Solid*	0.370	81 lbs.
W144C-1650CI	4	14	Solid*	0.425	126 lbs.

# Multi-Conductor, Type CIC

Multi-Conductor, Unshielded, Type CIC

PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL O.D.	WEIGHT
<b>18 AWG CONDUCTORS</b>					
W181P-1604CIC	2	18	Solid	0.330	53 lbs.
W184C-1602CIC	4	18	Solid	0.370	76 lbs.
<b>16 AWG CONDUCTORS</b>					
W161P-1601CIC	2	16	Solid	0.330	62 lbs.
W164C-1614CIC	4	16	Solid	0.400	94 lbs.
<b>14 AWG CONDUCTORS</b>					
W141P-1607CIC	2	14	Solid*	0.390	80 lbs.
W144C-1651CIC	4	14	Solid*	0.440	125 lbs.

\*May be stranded construction. Consult your sales representative.

Multi-Conductor, Shielded, Type CIC

PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOMINAL O.D.	WEIGHT
<b>18 AWG CONDUCTORS</b>					
W181P-1603CIC	2	18	Solid	0.330	57 lbs.
W184C-1605CIC	4	18	Solid	0.385	81 lbs.
<b>16 AWG CONDUCTORS</b>					
W161P-1606CIC	2	16	Solid	0.350	66 lbs.
W164C-1628CIC	4	16	Solid	0.400	99 lbs.
<b>14 AWG CONDUCTORS</b>					
W141P-1600CIC	2	14	Solid*	0.400	85 lbs.
W144C-1650CIC	4	14	Solid*	0.450	130 lbs.

## Product Construction

### ARMOR:

- Galvanized interlocking Steel Strip (red-stripped)

### CONDUCTORS:

- Solid copper

### CONDUCTOR INSULATION:

- TFN and/or THHN

### ASSEMBLY:

- Polyester assembly tape

### GROUNDING:

- Bare or insulated green

### APPLICATIONS:

- Fire Alarm/Control Type MC - FPLP

### COMPLIANCES:

- Cable tray installations per NEC
- NFPA 262 (formerly U.L. 910) Plenum rated - Type FPLP

### MAXIMUM TEMPERATURE RATING:

- FPLP: 105° (dry)
- MC: 90° (dry)

### MAXIMUM VOLTAGE RATING:

- 300V (FPLP)
- 600V (MC)

## CI Product Construction

### CONDUCTOR:

- Solid copper

### APPLICATIONS:

- 2-hour fire rated - FPLR-CI

### COMPLIANCES:

- UL 2196
- NFPA 262 (formerly U.L. 910)

### MAXIMUM VOLTAGE RATING:

- FPL - 300V

## CIC Product Construction

### CONDUCTOR:

- Solid copper

### APPLICATIONS:

- 2-hour fire rated - FPL/-NPLR

### COMPLIANCES:

- UL 2196
- NFPA 262 (formerly U.L. 910)

### MAXIMUM VOLTAGE RATING:

- FPL - 300V
- NPLR - 150V

### NOTE:

2-hour rated cable must be installed in conduit for any high-rise building over 75 feet, any federal building, and areas of assembly (1000 or more people).

# Multi-Conductor, Unshielded, Plenum

## NEC Type FPLP



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>18 AWG CONDUCTORS</b>									
W181P-2600	2	18	Solid	0.010	0.25	0.015	0.38	0.155	17 lbs.
W184C-2607	4	18	Solid	0.010	0.25	0.015	0.38	0.175	30 lbs.
W186C-2651	6	18	Solid	0.010	0.25	0.015	0.38	0.211	57 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-2601	2	16	Solid	0.010	0.25	0.015	0.38	0.172	24 lbs.
W164C-2637	4	16	Solid	0.010	0.25	0.015	0.38	0.202	45 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-2611	2	14	Solid	0.012	0.30	0.015	0.38	0.210	36 lbs.
W144C-2640	4	14	Solid	0.012	0.30	0.015	0.38	0.243	66 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-2613	2	12	Solid	0.012	0.30	0.015	0.38	0.244	52 lbs.
W124C-2641	4	12	Solid	0.012	0.30	0.015	0.38	0.284	100 lbs.



### Color Code Chart

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

## Product Construction

### CONDUCTOR:

- 18 thru 12 AWG fully annealed solid bare copper per ASTM B3

### INSULATION:

- Premium grade, color coded, Plenum Rated PVC

### JACKET:

- Premium grade, Red Plenum Rated PVC, other jacket colors may be available – consult sales office
- Suitable for use from 0°C to + 75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

### APPLICATIONS:

- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPLP (UL: 75°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Designed to meet UL 910 flame test

### PACKAGING:

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

FIRE ALARM/  
LIFE SAFETY

# Multi-Conductor, Shielded, Plenum



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>18 AWG CONDUCTORS</b>									
W181P-2601	2	18	Solid	0.010	0.25	0.015	0.38	0.155	21 lbs.
W184C-2621	4	18	Solid	0.010	0.25	0.015	0.38	0.183	34 lbs.
W186C-2644	6	18	Solid	0.010	0.25	0.015	0.38	0.216	47 lbs.
<b>16 AWG CONDUCTORS</b>									
W161P-2602	2	16	Solid	0.010	0.25	0.015	0.38	0.180	28 lbs.
W164C-2604	4	16	Solid	0.010	0.25	0.015	0.38	0.210	49 lbs.
<b>14 AWG CONDUCTORS</b>									
W141P-2605	2	14	Solid	0.012	0.30	0.015	0.38	0.210	43 lbs.
W144C-2642	4	14	Solid	0.012	0.30	0.015	0.38	0.248	76 lbs.
<b>12 AWG CONDUCTORS</b>									
W121P-2645	2	12	Solid	0.012	0.30	0.015	0.38	0.252	57 lbs.
W124C-2641	4	12	Solid	0.012	0.30	0.015	0.38	0.300	114 lbs.



### Color Code Chart

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

## Product Construction

### CONDUCTOR:

- Solid bare copper

### INSULATION:

- Premium grade, color coded, Plenum Rated PVC

### SHIELD:

- 100% aluminum foil/polyester
- Stranded tinned copper drain wire

### JACKET:

- Premium grade, Red Plenum Rated PVC, other jacket colors may be available – consult sales office
- Suitable for use from 0°C to + 75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

### APPLICATIONS:

- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPLP (UL: 75°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Designed to meet UL 910 Flame Test

### PACKAGING:

- 1000' (305m) Pull-Pac® Cartons (18 and 16 AWG items only)
- 1000' (305m) reels
- 500' (152m) spools or reels
- Other put-ups available – consult Customer Service



# Mid-Capacitance, Shielded, Plenum NEC Type FPLP for Microprocessor Controlled Systems



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT	NOMINAL CAP.*	
				INCHES	MM	INCHES	MM			INCHES	LBS
W181P-2620	2	18	Solid	0.014	0.36	0.015	0.38	0.172	22 lbs.	31.0	56.0
W161P-2634	2	16	Solid	0.016	0.41	0.015	0.38	0.203	35 lbs.	33.0	59.0
W141P-2635	2	14	Solid	0.018	0.46	0.020	0.51	0.247	35 lbs.	35.0	63.0

\*A - Capacitance between conductors

\*B - Capacitance between one conductor and other conductors connected to shield



Designed to Meet UL 910  
Test For Flame Propagation  
& Smoke Density  
Underwriters Laboratories Inc.

### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue

## Product Construction

### CONDUCTOR:

- Solid bare copper

### INSULATION:

- Premium grade color coded Fluoropolymer
- Color code: see chart below

### SHIELD:

- 100% aluminum/polyester foil
- Stranded tinned copper drain wire

### JACKET:

- Premium grade, Red Plenum Rated PVC
- Temperature range: 0°C to + 75°C
- Includes ripcord

### APPLICATIONS:

- Addressable fire alarm systems
- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPLP (UL: 75°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Designed to Meet UL 910 Flame Test

### PACKAGING:

- 1000' (30 m) Reels
- Other put-ups available—consult Customer Service

# Mid-Capacitance, Unshielded, Plenum NEC Type FPLP for Microprocessor Controlled Systems



PART NUMBER	NO. OF COND.	AWG. SIZE	COND. STRAND	NOM. INSUL. THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	WEIGHT	NOMINAL C-CAP. PF/FT*
				INCHES	MM	INCHES	MM			
W181P-2622	2	18	Solid	0.014	0.36	0.015	0.38	0.172	18 lbs.	19.0
W161P-2633	2	16	Solid	0.016	0.41	0.015	0.38	0.196	31 lbs.	20.0
W141P-2646	2	14	Solid	0.018	0.46	0.020	0.51	0.242	43 lbs.	20.0
W121P-2643	2	12	Solid	0.020	0.46	0.020	0.51	0.282	63 lbs.	22.0

\* Capacitance between conductors



Designed to Meet UL 910  
Test For Flame Propagation  
& Smoke Density  
Underwriters Laboratories Inc.

### Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue

## Product Construction

### CONDUCTOR:

- Solid bare copper

### INSULATION:

- Premium grade color coded Fluoropolymer
- Color code: see chart below

### JACKET:

- Premium grade, Red Plenum Rated PVC
- Temperature range: 0°C to + 75°C
- Includes ripcord

### APPLICATIONS:

- Addressable fire alarm systems
- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- Suggested voltage rating: 300 volts

### COMPLIANCES:

- UL Type FPLP (UL: 75°C, 300V)
- NEC Article 760
- California State Fire Marshall Approved
- Designed to Meet UL 910 Flame Test

### PACKAGING:

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