

# Mid-Capacitance, Unshielded, Non-Plenum

NEC Type FPL for Microprocessor-Controlled Systems

**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 +75°C

**Applications:**

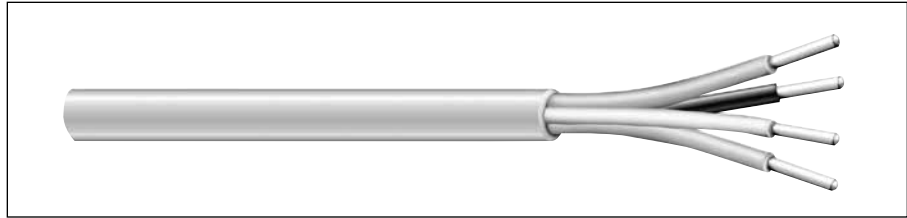
- Addressable fire alarm systems
- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 760 Type FPL (UL: 60°C, 300 V)
- Suitable for use in the State of California
- RoHS Compliant Directive 2011/65/EU
- Passes UL 70,000 BTU Vertical Tray Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM.* C-C CAP. pF/ft
				IN	mm	IN	mm	IN	mm	
<b>C0471</b>	2	18	Solid	0.014	0.36	0.020	0.51	0.177	4.50	16.5
<b>C0485</b>	4	18	Solid	0.014	0.36	0.020	0.51	0.205	5.21	16.5
<b>C0473</b>	2	16	Solid	0.016	0.41	0.020	0.51	0.206	5.23	17.5
<b>C0486</b>	4	16	Solid	0.016	0.41	0.020	0.51	0.240	6.10	17.5
<b>C0491</b>	2	14	Solid	0.018	0.46	0.020	0.51	0.240	6.10	18.0
<b>C0492</b>	2	12	Solid	0.020	0.51	0.020	0.51	0.282	7.16	19.0

\*Capacitance between conductors  
Data subject to change.

**Color Code Chart**

NO. OF COND.	COLOR
<b>1</b>	Black
<b>2</b>	Red
<b>3</b>	Brown
<b>4</b>	Blue

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