

Mid-Capacitance, Unshielded, Non-Plenum

NEC Type FPL for Microprocessor-Controlled Systems

Product Construction:

Conductor:

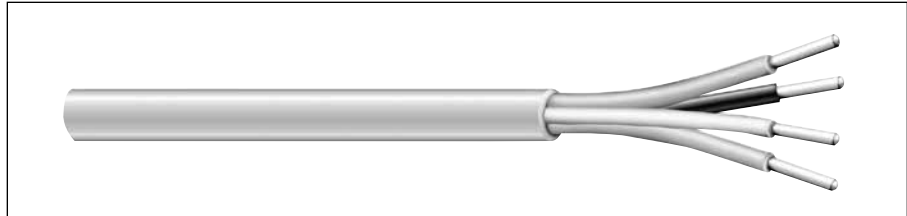
- 18 thru 12 AWG fully annealed solid bare copper per ASTM B3

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	
C0471	2	18	Solid	0.014	0.36	0.020	0.51	0.177	4.50	16.5
C0485	4	18	Solid	0.014	0.36	0.020	0.51	0.205	5.21	16.5
C0473	2	16	Solid	0.016	0.41	0.020	0.51	0.206	5.23	17.5
C0486	4	16	Solid	0.016	0.41	0.020	0.51	0.240	6.10	17.5
C0491	2	14	Solid	0.018	0.46	0.020	0.51	0.240	6.10	18.0
C0492	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
1	Black
2	Red
3	Brown
4	Blue