

# Multi-Conductor, Shielded, Plenum

## NEC Type FPLP, PVDF Jacketed



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAP. * pF/ft	
				in	mm	in	mm	in	mm	A	B
C3260	2	18	Solid	0.010	0.25	0.010	0.25	0.149	3.78	50.5	90.8
C3261	4	18	Solid	0.010	0.25	0.010	0.25	0.168	4.27	44.5	80.0
C3270	2	16	Solid	0.010	0.25	0.010	0.25	0.169	4.29	58.0	104.0
C3271	4	16	Solid	0.010	0.25	0.010	0.25	0.194	4.93	50.0	90.0
C3280	2	14	Solid	0.013	0.33	0.010	0.25	0.214	5.44	55.5	100.0
C3284	4	14	Solid	0.013	0.33	0.010	0.25	0.245	6.22	48.0	87.0
C3282	2	12	Solid	0.013	0.33	0.010	0.25	0.234	5.94	65.0	116.0
C3283	4	12	Solid	0.013	0.33	0.010	0.25	0.284	7.21	55.0	99.0

\*A - Capacitance between conductors

\*B - Capacitance between one conductor and other conductors connected to shield  
Data subject to change.

### 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 ECTFE (Halar)
- Color code: See chart below

#### Shield:

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

#### Jacket:

- Fluoropolymer, red
- Abrasion-, chemical-resistant
- Temperature range: -40°C to +150°C
- Includes ripcord
- Sequential footage markings to facilitate installation

### Applications:

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

### Compliances:

- NEC Article 760 Type FPLP (UL: 150°C, 300 V)
- Suitable for use in the State of California

### Packaging:

- Please contact Customer Service for packaging and color options

