

Multi-Conductor, Shielded, Plenum

NEC Type FPLP

Product Construction:

Conductor:

- 22 thru 12 AWG fully annealed solid bare copper per ASTM B-3

Insulation:

- Premium-grade, color-coded Flexguard® PVC
- Color code: See chart below

Shield:

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

Jacket:

- Premium-grade, red Flexguard® PVC
- Suitable for use from 0°C to +75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

Applications:

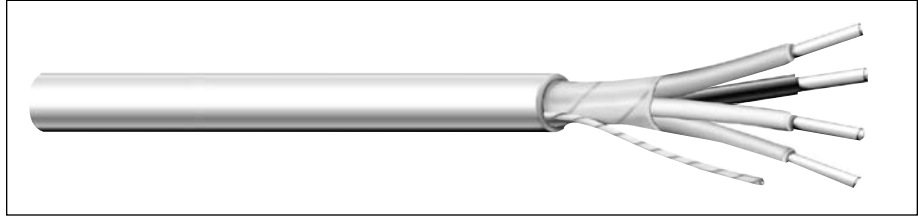
- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 760 Type FPLP (UL: 75°C, 300V)
- California State Fire Marshall Approved
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm
22 AWG CONDUCTORS									
E3542S	2	22	Solid	0.010	0.25	0.015	0.38	0.126	3.20
18 AWG CONDUCTORS									
E3602S	2	18	Solid	0.010	0.25	0.015	0.38	0.158	4.01
E3603S	3	18	Solid	0.010	0.25	0.015	0.38	0.165	4.19
E3604S	4	18	Solid	0.010	0.25	0.015	0.38	0.183	4.65
E3606S	6	18	Solid	0.010	0.25	0.015	0.38	0.216	5.49
16 AWG CONDUCTORS									
E3612S	2	16	Solid	0.010	0.25	0.015	0.38	0.180	4.57
E3614S	4	16	Solid	0.010	0.25	0.015	0.38	0.210	5.33
14 AWG CONDUCTORS									
E3622S	2	14	Solid	0.012	0.30	0.015	0.38	0.210	5.33
E3624S	4	14	Solid	0.012	0.30	0.015	0.38	0.248	6.30
12 AWG CONDUCTORS									
E3632S	2	12	Solid	0.012	0.30	0.015	0.38	0.252	6.40
E3634S	4	12	Solid	0.012	0.30	0.015	0.38	0.300	7.62

Color Code Chart

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

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	
				INCHES	mm	INCHES	mm	INCHES	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

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 B-3

Insulation:

- Premium-grade, color-coded Flexguard® PVC
- Color code: See chart below

Shield:

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

Jacket:

- Fluoropolymer, red
- Temperature range: -10°C to +75°C
- Includes ripcord

Applications:

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

Compliances:

- NEC Article 760 Type FPLP (UL: 75°C, 300V)
- California State Fire Marshall Approved

Features:

- Abrasion-, chemical-resistant jacket
- Sequentially footage marked

Packaging:

- Please contact Customer Service for packaging and color options

