

Fire Alarm Cable

Commercial Applications, Addressable Systems

Unshielded and Shielded, Plenum-Rated, Power-Limited, Mid-Capacitance



Unshielded Multi-conductor

FPLP Rated

Product Description

Bare copper conductors, FEP insulation, cabled together, Red Flam arrest® jacket with rip cord. Sequential footage marking every two feet.

Color Code: Black, Red.

Shielded Multi-conductor

FPLP Rated

Product Description

Bare copper conductors, FEP insulation, cabled together, Beldfoil® shield tape (aluminum side out) with tinned copper drain wire, Red Flam arrest jacket with rip cord. Sequential footage marking every two feet.

Color Code: Black, Red.

Specifications

Conductor	Bare Copper
Insulation	FEP
Shield (where applicable)	Beldfoil
Jacket	Flam arrest
Jacket Thickness	.015" (.381mm)
Approvals	
NEC	FPLP
California State Fire Marshall	
NEC Articles	760
Voltage Rating	300V
Temperature Rating	75°C
Nominal Capacitance*	
Unshielded†	26 pF/ft.
Shielded††	26–31 pF/ft.

*Capacitance between conductors.

†20% lower capacitance than cables on page 13.39

††60% lower capacitance than cables on page 13.39

Applications

- Addressable Fire Systems
- Data Circuits
- Monitor/Detection
- Control Circuits
- Initiating Circuits
- Notification Circuits

Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Insulation Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Unshielded Multi-conductor (NEC FPLP)

18 AWG										
6320UJ	2	solid	1000	305	16.0	7.3	.007	.18	.138	3.51
16 AWG										
6220UJ	2	solid	1000	305	24.0	10.9	.007	.18	.162	4.11
14 AWG										
6120UJ	2	solid	1000	305	32.0	14.5	.007	.18	.186	4.72

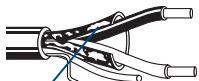
Shielded Multi-conductor (NEC FPLP)

18 AWG										
6320FK	2	solid	500	152	14.0	6.4	.018	.46	.185	4.70
			U-1000	U-305	28.0	12.7				
			1000	305	27.0	12.2				
16 AWG										
6220FK	2	solid	1000	305	37.0	16.8	.018	.46	.210	5.33

Unshielded



Shielded



Shorting Fold