

Belden Low Capacitance Digital Fire Alarm Cables

PRODUCT BULLETIN

Low Capacitance Digital Fire Alarm Cables
Belden's Addressable (Digital) fire alarm cables are manufactured with the highest quality material to allow the cables to perform flawlessly in critical security environments.

- Health Care
- Hospitals
- School - K-12 and Higher Education
- Industrial facilities
- Larger complex buildings
- Other
 - » Networking Communication
 - » Addressable Digital Audio

Key Features

- Low capacitance for digital signal transmission
- 100 and 120 Ohm designs for network and digital audio loops
- Non-Penum and Plenum Version

An addressable fire alarm system uses sophisticated technology to pinpoint a fire's exact location. Each SLC- signal line circuit and devices have a unique address that communicates continuously to the Fire Panel. The communications are extremely valuable to the security of the inhabitants, and fire department capabilities. The signals provide data such as fire location, smoke toxicity, room temperature and much more.

Most Popular Addressable Cables

18 AWG Unshielded

Part No.	No. of Cond.	Conductor Type	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom O.D	NEC Type	Nom Impedance & Capacitance
5320UJ	2	18 AWG Solid Bare Copper	PE - Polyethylene (Foam) .015 inches	None	PVC .033 inches	.206 inches	FPL	120 Ohms 13 pf/ft
5320UV NEW	2	18 AWG Solid Bare Copper	Polypropylene - PP .015 inches	None	PVC .030 inches	.196 inches	FPL	100 Ohms 15 pf/ft
6320UJ	2	18 AWG Solid Bare Copper	FEP - Fluorinated Ethylene Propylene .015 inches	None	PVC .015 inches	.154 inches	FPLP	100 Ohms 17 pf/ft

Most Popular Addressable Cables

16 AWG Unshielded

Part No.	No. of Cond.	Conductor Type	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom O.D	NEC Type	Nom Impedance & Capacitance
5220UJ	2	16 AWG Solid Bare Copper	PE - Polyethylene (Foam) .015 inches	None	PVC .033 inches	.233 inches	FPL	120 Ohms 13 pf/ft
5220UV NEW	2	16 AWG Solid Bare Copper	Polypropylene - PP .018 inches	None	PVC .030 inches	.232 inches	FPLR	100 Ohms 17 pf/ft
6220UJ	2	16 AWG Solid Bare Copper	FEP - Fluorinated Ethylene Propylene .016 inches	None	PVC .015 inches	.180 inches	FPLP	100 Ohms 17 pf/ft



Distance - High Speed Communication Network

Please consult:

- Notifier (Noti-Fire-Net) and Communication Network
- Silent Knight
- Gamewell
- Edwards Signal Intelligent Devices
- Napco FireLink
- Other: SLC Addressable Device Manufacturers