

Part #s	Length	# of Pairs	AWG	Outer Diameter	Weight
66102	500'	2	18 4-Conductor	0.465"	61 lbs.
66120	1,000'	2	18 4-Conductor	0.465"	112 lbs.



**Description:**

Circuit integrity cables are the first to be certified to UL 2196 while meeting Category 3 channel requirements. These shielded cables are available in 18 AWG 2 pair construction and are capable of transmitting signals at a speed of 10 Mbps. In the event of a fire, these cables will ensure critical voice applications remain operational.

**Applications:**

- Emergency communications (i.e. telephones, speakers, etc.)
- Area of Refuge communication devices
- Addressable Class N fire alarm devices
- Critical data communication circuits
- For use in wet locations

**Benefits:**

- Only UL 2196 listed cable for 2 hour fire-rated circuits
- Unique solution for NFPA Level 2 or 3 requirements
- Supports all 10 Mbps critical data circuits

**Construction:**

- **Conductors:** 18 AWG Solid Bare Copper
- **Tape:** Flame Retardant Tape
- **Insulation:** Low Smoke, Zero Halogen Thermoset Fire-Roc™
- **Cable Assembly:** 2 Pairs, Red and Black Conductors
- **Drain:** 18 AWG Stranded Bare Copper
- **Shield:** Copper Shield
- **Jacket:** Red Non-Halogen Flame Retardant Polyolefin

**Compliance:**

- ANSI/UL 2196 2 Hour Fire-Rating for use in FHIT System 40A
- CAN/ULC-S139 2 Hour Fire-Rating with Hose Stream for use in FHIT7 System 40A
- c(UL)us Listed Type CMR-LS
- UL Listed Type FPLR-LS & CL3R-LS
- CSA Listed FAS105 ST1 FT4
- UL Subject 444 Communications Cable, 300V/105°C Classified
- UL Subject 1424 Power Limited Fire Alarm Circuits; 300V/105°C Classified
- UL Subject 13 Power Limited Circuit Cables; 300V/105°C Classified
- NFPA 70, 72, & 130
- California State Fire Marshal Approved
- RoHS Compliant
- NYC Electrical Advisory Board Approval # 54502, April 2017