

Part #s	Length	# of Pairs	AWG	Diameter	Weight
RP66010001	500'	Single	18 2-Conductor	0.309"	28 lbs.
RP66010002	1,000'	Single	18 2-Conductor	0.309"	58 lbs.



Circuit Integrity Free Air (CI):

- For use as CI cable when installed per the NEC and local code. For vertical installation lengths beyond 30 feet, cables are to be supported using a Stainless Steel wire mesh
- Authorities Having Jurisdiction should be consulted before installation

Description:

18 AWG-2 Conductor Shielded 2 Hour Fire-Rated UL Listed FPLR-CI-LS, CMR-CI-LS, PLTC-CI-LS, C(UL) CMR-LS & CSA FAS 90, cable ANSI/UL 2196 Certified.

Cable is designed to support Life and Fire Safety. This cable offers “survivability” for 2 hours in harsh environments while being fully operational to allow for safe evacuation of building occupants. In addition, the cable is certified for use in Canada as a c(UL) CMR-LS listed cable and CEC Type FAS 90.

Applications:

- Manufacturing, commercial and industrial locations
- Colleges, banks, hotels, airports, and stadiums
- Health care facilities
- Tunnels and subways for emergency communications
- Emergency Voice-Alarm Communication Smoke and Fire Alarm Systems (EVAC)
- Fireman’s telephone and Area of Refuge Communication Systems
- Emergency lighting

Construction:

- **Conductors:** 18 AWG Solid Copper specially engineered to minimize embrittlement due to fire exposure
- **Tape:** Flame Retardant Tape
- **Insulation:** Low Smoke, Zero Halogen Thermoset Fire-Roc™
- **Core Assembly:** Color Coded Insulated Conductors of Red and Black
- **Jacket:** Red, Low Smoke, Zero Halogen Polyolefin (Sequential Footage Marker Provided Every 2 Feet)

Compliance:

- CAN/ULC-S139 Certified with Hose Stream Test for use in FHITC system 40A
- UL 1424 Listed FPLR-CI-LS for Power-Limited Fire Alarm Cables; 300V / 105°C
- UL 13 Listed PLTC-CI-LS for Power-Limited Circuit Cables; 300V / 105°C
- UL 444 Listed CMR-CI-LS for Communication Cable; 300V / 105°C
- Fire certified for power-limited system use at 72V phase-to-phase utilization voltage
- Sunlight resistant
- For use in wet locations

Notes:

- Refer to R27557 Fire Resistive Cable (UL)
- Rated for both horizontal and vertical runs
- Tested to 1,850° F