

18-12 AWG CIC

2-Hour Fire-Rated Circuit Integrity Cable



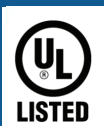
Dependable cable for two-way emergency communication.

- Approved for horizontal, vertical, and wet-location installations.
- Withstands temperatures up to 1850°F.
- Ensures critical two-way communication systems remain operational during a fire.
- Rated as both Circuit Integrity (CI) and Circuit Integrity in Conduit (CIC).
- Installs with or without conduit.



Specifications

Part Numbers	RP66010001	RP66010002
Mechanical Properties		
Length	500 ft.	1,000 ft.
Weight	24.5 lbs (49 lbs/kft)	49 lbs (49 lbs/kft)
Nominal Diameter	0.309"	
Temperature	221°F (105°C)	
Construction Properties		
Conductor	18-12 AWG Solid Bare Copper	
Cabling	2 conductors	
Insulation	Low Smoke, Zero Halogen Thermoset Fire-Roc®	
Jacket	Red Non-Halogen Flame Retardant Polyolefin (sequential footage markers every 2 ft.)	
Shield	Copper/Polyester Tape (shielded constructions only)	
Tape	Flame Retardant Tape	
Drain	Stranded Bare Copper (shielded constructions only)	
Electrical Properties		
Nominal Capacitance	21 pF/ft.	
Volts	300V	



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Specifications Continued

	RP6601001	RP6601002
Standards & Certification		
Performance Standards	ANSI/UL 2196 2-hour fire rating for use in FHIT System 40A (See UL Fire Directory R27557) ULC-S139/2196 listed with Hose Stream Test for use in FHIT7 System 40A NFPA 70, 72, 130, and 502 Sunlight resistant For use in wet locations NYC Electrical Advisory Board approval #54502, April 2017 California State Fire Marshal approved RoHS compliant	
UL Listings	Type FPLR-CI-ST1 CMR-CI-LS, and CL3R-CI-ST1 UL 1424 UL 13 UL 444	
CSA Listings	FAS 105 ST1 FT4	
Applications	Fire & Life Safety including Smart Rescue and Command Center	



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