

# DuraLife® FPLP-CI Unshielded

## UL 2196 2-Hour Fire Certified Cable

### Free-Air Applications

## SPECIFICATIONS



UL 2196 2-HR CERTIFIED / UL 1424 LISTED.  
LOW SMOKE / PLENUM RATED CONSTRUCTION

Unshielded - 18 AWG, 16AWG, 14AWG, 12AWG; 2-conductor.  
NEC Type FPLP-CI; Circuit-Integrity Cables; Horizontal and Vertical Applications Certified

### CERTIFICATION LISTINGS:

**18AWG/2C** solid OFHC; Free-Air application with 24" spacing support required per NEC Article 760.24. Low smoke PVC insulation and jacketing. Horizontal splice allowed w/standard type-4S utility box. See Radix DuraLife® FPLP-CI Splice and Application Guide for splicing instructions.

**16AWG/2C** solid OFHC; Free-Air application with 24" spacing support required per NEC Article 760.24. Low smoke PVC insulation and jacketing. Horizontal splice allowed w/standard type-4S utility box. See Radix DuraLife® FPLP-CI Splice and Application Guide for splicing instructions.

**14AWG/2C** solid and 7-strand OFHC; Free-Air application with 24" spacing support required per NEC Article 760.24. Low smoke PVC insulation and jacketing. Horizontal splice allowed w/standard type-4S utility box. See Radix DuraLife® FPLP-CI Splice and Application Guide for splicing instructions.

**12AWG/2C** solid and 7-strand OFHC; Free-Air application with 24" spacing support required per NEC Article 760.24. Low smoke PVC insulation and jacketing. Horizontal splice allowed w/standard type-4S utility box. See Radix DuraLife® FPLP-CI Splice and Application Guide for splicing instructions.



PRINT: RADIX WIRE-II DURALIFE E241484 2/C 12 AWG FPLP-CI 300V 75C / (UL) 2196 2 HR. CLASSIFIED FIRE RESISTIVE CABLE.

RADIX P/N	#COND	AWG	NOMINAL INSUL THICKNESS (INCH)	NOMINAL JACKET THICKNESS (INCH)	NOMINAL O.D (INCH).	NET WEIGHT (LBS/ MFT)	COPPER LBS/MFT	NOMINAL CAPACITANCE (pF/FT)	CHARACTERISTIC IMPEDANCE @1 MHZ (OHMS)
CFU18A0102-I02	2	18 AWG	.022"	.022"	.240"	32	9.8	11.17	140.7
CFU16A0102-I02	2	16 AWG	.022"	.022"	.248"	41	15.9	12.39	114.6
CFU14A0102-I02	2	14 AWG	.022"	.022"	.252"	52	24.8	-	-
CFU14A0702-I02	2	14 AWG	.022"	.022"	.263"	53	25.1	14.76	106.7
CFU12A0102-I02	2	12 AWG	.022"	.022"	.272"	81	39.5	-	-
CFU12A0702-I02	2	12 AWG	.022"	.022"	.289"	82	39.9	15.93	99.1

### COMPLIANCE:

- UL 1424 Listed FPLP for Power-Limited Fire Alarm Circuits; 300V/75°C classified.
- UL Certified to UL 2196 2-hour fire rating
- Fire alarm circuit integrity, emergency systems, and healthcare facilities (NEC Articles 760, 700 & 517).
- Meets NFPA 262 for plenum rating
- Meets National Fire Protection Code (NFPA 72) fire alarm survivability circuit requirements.
- Suitable for 2-hr. certified fire-resistive free-air applications
- Fire-resistive certified for Power-Limited system use at 50V phase-to-phase utilization voltages.
- UL Listed File No. E-241484.

### PACKAGING:

Available on 1,000 ft., 2,000 ft. and 5,000 ft. standard length reels. Smaller reels available from distributors.

