

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 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 # AWG FPLP-CI/CMP-CI E494543 75C / (UL) 2196 CLASSIFIED 2 HOUR CERTIFIED (MONTH/YEAR) CI - NYC certified fire alarm cable (INCREMENTAL FOOTAGE REQUIRED - EVERY 2 FEET)

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 @1MHZ (OHMS)
CFU18A0102	2	18 Solid	.022"	.022"	.280"	41	9.8	11.17	140.7
CFU16A0102	2	16 Solid	.022"	.022"	.308"	45	15.9	12.39	114.6
CFU14A0102	2	14 Solid	.022"	.022"	.320"	50	24.8	-	-
CFU14A0702	2	14/7-Strand	.022"	.022"	.330"	52	25.1	14.76	106.7
CFU12A0702	2	12/7-Strand	.022"	.022"	.368"	61	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; E-494543.



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