

SPECIFICATIONS



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

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

CERTIFICATION LISTING:

All Constructions; Free-Air application with installation requirements per NEC Article 760.24 (2017). Low smoke. PVC insulation and jacketing. Splice allowed w/standard type-4S utility box. See Radix DuraLife® FPLP-CI Splice and Application Guide for splicing instructions.

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 UL 444 for "Communication Cables"
- 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.



UNSHIELDED 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 (XXXX FEET)

RADIX P/N	#COND	AWG	SOLID OR STRANDED	NOMINAL O.D (INCH).	NET WEIGHT (LBS/ MFT)	RESISTANCE (OHMS/MFT)	NOMINAL CAPACITANCE (pF/FT)
CFU18A0102	2	18	Solid	.280"	41	6.48	11.17
CFU16A0102	2	16	Solid	.308"	45	3.99	12.39
CFU14A0102	2	14	Solid	.320"	50	2.57	14.28
CFU14A0702	2	14	Stranded	.330"	52	2.60	14.76
CFU12A0702	2	12	Stranded	.368"	61	1.64	15.93

SHIELDED PRINT: RADIX WIRE-II DURALIFE™ E241484 2/C # AWG FPLP-CI/CMP-CI/SHLD./ E494543 75C / (UL) 2196 CLASSIFIED 2 HOUR CERTIFIED (MONTH/YEAR) CI - NYC certified fire alarm cable (XXXX FEET)

RADIX P/N	#COND	AWG	SOLID OR STRANDED	NOMINAL O.D (INCH).	NET WEIGHT (LBS/ MFT)	RESISTANCE (OHMS/MFT)	NOMINAL CAPACITANCE (pF/FT)
CFS18A0102	2	18	Solid	.325"	42	6.48	13.40
CFS16A0102	2	16	Solid	.330"	46	3.99	14.86
CFS14A0102	2	14	Solid	.345"	51	2.57	17.14
CFS14A0702	2	14	Stranded	.355"	54	2.60	17.71
CFS12A0702	2	12	Stranded	.375"	63	1.64	19.11

