



DuraLife® 2-Hour Fire-Rated Circuit Integrity Product Guide

Radix is the market leader for Two-Hour Fire-rated Circuit Integrity Cable solutions. We were the first to re-certify under the current UL2196 test requirements and continue to offer the most comprehensive line of 300v products. The DuraLife brand of fire resistive cables meet the mandatory NFPA 72: National Fire Alarm and Signaling Code pathway survivability circuit requirements, and are commonly found in fire alarm circuit integrity (NEC Article 760), emergency systems (NEC Articles 700 & 708) and health care facilities (NEC Article 517) applications in high-rises, hospitals, bridges, tunnels and transit (NFPA 130, NFPA 502), and other critical facilities.

DuraLife II Dual-Rated CI/CIC FPLR Cables

Dual-rated FPLR CI/CIC for installation as Free Air or In-conduit applications. Free Air certified as FPLR-CI and installed per NEC Article 760.24. In-conduit solution installed per UL FHIT 28C Electrical Circuit Integrity System Report.

- 🔥 CTU Series Non-shielded Construction: 18, 16, 14*, 12* AWG/One Pair
- 🔥 CTS Series Shielded Construction: 18, 16, 14* AWG/One Pair
- 🔥 Twisted pairs are black/red

DuraLife II Dual-Rated CI/CIC Multi-Conductor Cables

Dual-rated FPLR CI/CIC for installation as Free Air or In-conduit applications. Free Air certified as FPLR-CI and installed per NEC Article 760.24. In-conduit solution installed per UL FHIT 28D Electrical Circuit Integrity System Report.

- 🔥 CTU Series Non-shielded Construction: 18, 16, 14*, 12* AWG/2, 3 & 4 Pair and 1, 2, 3 Pair+ ground
- 🔥 CTS Series Shielded Construction: 18, 16, 14* AWG/2, 3 & 4 Pair and 1, 2, 3 Pair+ ground
- 🔥 Twisted pairs are black/red and numbered

DuraLife II Dual-Rated CI/CIC Ethernet Cables

Dual-rated FPLR CI/CIC for installation as Free Air or In-conduit applications. Free Air certified as FPLR-CI and installed per NEC Article 760.24. In-conduit solution installed per UL FHIT 28D Electrical Circuit Integrity System Report.

- 🔥 CTU-CAT3 Series Non-shielded Construction: 18 AWG/2, 3 & 4 Pair
- 🔥 CTS-CAT3 Series Shielded Construction: 18 AWG/2, 3 & 4 Pair
- 🔥 Twisted pairs are black/red and numbered

DuraLife FPLP-CI Cables

Plenum-rated FPLP-CI for installation in Free Air applications installed per NEC Article 760.24

- 🔥 CFU Series Non-shielded Construction: 18, 16, 14*, 12* AWG
- 🔥 CFS Series Shielded Construction: 18, 16, 14*, 12* AWG
- 🔥 Twisted pairs are black/red

FPLP-CI cables are not designed to be sealed in conduit for runs longer than 8 feet.

*14 gauge is available in solid or stranded construction. / *12 gauge provided in stranded construction.

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4-21



Tel: (216) 731-9191
Toll Free: (877) 722-5444

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