



2-Hour Fire Rated Cables – Circuit Integrity Unshielded 18 AWG – 12 AWG

- ✓ NEC TYPE FPLR-CI; For Use Without Conduit
- ✓ CIC* In-Conduit solution



ICON-CI/CIC™ – Fire Resistive Cables; and Cable for Conduit System*

- CONSTRUCTION:** BARE COPPER CONDUCTORS, SOLID OR STRANDED, CERAMIFIABLE SILICONE RUBBER INSULATION, CABLED, MICA TAPE, RED FRPE LSZH JACKET, INSULATION RATED FOR 300 VOLTS, 75°C COLOR CODE - 2/C: BLACK & RED COLORED INSULATION. 4/C AND ABOVE: BLACK INSULATION WITH PRINTED NUMBERS.
- APPLICATIONS:** FIRE ALARM CIRCUIT INTEGRITY (NEC ARTICLE 760), EMERGENCY SYSTEMS (NEC ARTICLES 700 AND 517) SURVIVABILITY FROM ATTACK BY FIRE (MUST BE CONNECTED TO FIRE COMMAND CENTER TO MEET FIRE ALARM CODE & SURVIVABILITY REQUIREMENTS.) SUITABLE FOR 2-HOUR FIRE RESISTIVE USES IN CONDUIT* OR OUTSIDE OF CONDUIT. LISTED FOR POWER-LIMITED SYSTEMS (72V). SUITABLE FOR USE IN NON-POWER LIMITED SYSTEMS (75C.) SUITABLE FOR USE IN RISERS.
- COMPLIANCE:** NEC FPLR-CI (UL), 2-HOUR FIRE RESISTIVE TEST UL2196 WITHOUT CONDUIT, UL2196 IN CONDUIT*, NEC ARTICLE 760, UL1424 FOR POWER-LIMITED FIRE-ALARM CIRCUITS. FLAME RATING UL1666, NFPA-72.
- PRINT:** "TAPPAN WIRE & CABLE-R ICON-CI/CIC™ #C #AWG FPLR-CI 75C (UL) / (UL) CLASSIFIED FIRE RESISTIVE CABLE FOR USE IN ELECTRICAL CIRCUIT PROTECTIVE SYSTEMS-SYSTEM 32." SEQUENTIAL FOOTAGE MARKERS.
- OPTIONS AVAILABLE:** AVAILABLE ON 1000 FT STANDARD LENGTH SPOOLS - CONSULT FACTORY FOR OTHER LENGTHS. AVAILABLE WITH NON-POWER LIMITED LISTING AND NPLFR-CI 75C PRINT LEGEND (SAME CONSTRUCTION) - MINIMUMS APPLY, CONSULT FACTORY.

FPLR-CI UNSHIELDED ICON-CI/CIC™*

TAPPAN SPEC #	# COND.	AWG	INSUL THICKNESS (INCH)	JACKET THICKNESS (INCH)	NOMINAL O.D. (INCH)	MAXIMUM CONDUCTOR RESISTANCE PER MFT.	NOMINAL CAPACITANCE CONDUCTOR-CONDUCTOR (Pf / FT)	NET WEIGHT (LBS PER MFT)
SC4001.1	2	18 SOLID	.032	.046	.318	6.48	16	50
SC4002.1	4	18 SOLID	.032	.046	.361	6.48	16	75
SC4003.1	6	18 SOLID	.032	.046	.423	6.48	16	104
SC4004.1	8	18 SOLID	.032	.046	.456	6.48	16	129
SC5001.1	2	16 SOLID	.032	.046	.334	4.10	18	60
SC5002.1	4	16 SOLID	.032	.046	.380	4.10	18	94
SC6001.1	2	14-7 STR	.032	.046	.374	2.60	20	77
SC6006.1	2	14 SOLID	.032	.046	.360	2.60	20	74
SC6002.1	4	14-7 STR	.032	.046	.429	2.60	20	124
SC7001.1	2	12-7 STR	.032	.046	.412	1.64	21	98
SC7002.1	4	12-7 STR	.032	.046	.474	1.64	21	166

Note: Weights and Dimensions are nominal, and subject to normal manufacturing tolerances. Dimensional specifications are subject to change for materials and process improvements not affecting cable qualifications or functionality."

* UL Classified Fire Resistive Cable for use in Electrical Circuit Protective Systems - System 32. See UL Fire Resistive Directory.



**2-Hour Fire Rated Cables – Circuit Integrity
Shielded 18 AWG CI**
√ NEC TYPE FPLR-CI; For Use Without Conduit



Fire Resistive Cables

- CONSTRUCTION:** BARE COPPER CONDUCTORS, SOLID, CERAMIFIABLE SILICONE RUBBER INSULATION, REINFORCED ALUMINUM FOIL TAPE SHIELD, DRAIN WIRE, MICA TAPE, CABLED, RED FRPE LSZH JACKET, INSULATION RATED FOR 300 VOLTS, 75°C COLOR CODE - 2/C: BLACK & RED COLORED INSULATION. 4/C AND ABOVE: BLACK INSULATION WITH PRINTED NUMBERS.
- APPLICATIONS:** FIRE ALARM CIRCUIT INTEGRITY (NEC ARTICLE 760), EMERGENCY SYSTEMS (NEC ARTICLES 700) SURVIVABILITY FROM ATTACK BY FIRE (MUST BE CONNECTED TO FIRE COMMAND CENTER TO MEET FIRE ALARM CODE & SURVIVABILITY REQUIREMENTS.) SUITABLE FOR 2-HOUR FIRE RESISTIVE USES OUTSIDE OF CONDUIT. LISTED FOR POWER-LIMITED SYSTEMS (72V). SUITABLE FOR USE IN NON-POWER LIMITED SYSTEMS (75C.) SUITABLE FOR USE IN RISERS.
- COMPLIANCE:** NEC FPLR-CI (UL), 2-HOUR FIRE RESISTIVE TEST UL2196 WITHOUT CONDUIT. NEC ARTICLE 760, UL1424 FOR POWER-LIMITED FIRE-ALARM CIRCUITS. FLAME RATING UL1666, NFPA-72.
- PRINT:** "TAPPAN WIRE & CABLE-R CI #C #AWG SHIELDED FPLR-CI 75C (UL)" SEQUENTIAL FOOTAGE MARKERS.
- OPTIONS AVAILABLE:** AVAILABLE ON 1000 FT STANDARD LENGTH SPOOLS - CONSULT FACTORY FOR OTHER LENGTHS. AVAILABLE WITH NON-POWER LIMITED LISTING AND NPLFR-CI 75C PRINT LEGEND (SAME CONSTRUCTION) - MINIMUMS APPLY, CONSULT FACTORY.

FPLR-CI SHIELDED 18AWG CI

TAPPAN SPEC #	# COND.	AWG	INSUL THICKNESS (INCH)	JACKET THICKNESS (INCH)	NOMINAL O.D. (INCH)	MAXIMUM CONDUCTOR RESISTANCE PER MFT.	NOMINAL CAPACITANCE CONDUCTOR-CONDUCTOR (Pf / FT)	NET WEIGHT (LBS PER MFT)
SC4009.1	2	18 SOLID	.032	.046	.322	6.48	16	56
SC4010.1	4	18 SOLID	.032	.046	.365	6.48	16	81
SC4011.1	6	18 SOLID	.032	.046	.428	6.48	16	110
SC4012.1	8	18 SOLID	.032	.046	.462	6.48	16	136

Note: Weights and Dimensions are nominal, and subject to normal manufacturing tolerances. Dimensional specifications are subject to change for materials and process improvements not affecting cable qualifications or functionality."



2-Hour Fire Rated Cables – CIC
Shielded 18 AWG
 ✓ CIC* In-Conduit solution



Fire Resistive Cable for Conduit System*

CONSTRUCTION: BARE COPPER CONDUCTORS, SOLID, CERAMIFIABLE SILICONE RUBBER INSULATION, REINFORCED COPPER FOIL TAPE SHIELD, DRAIN WIRE, MICA TAPE, CABLED, RED FRPE LSZH JACKET, INSULATION RATED FOR 300 VOLTS, 75°C COLOR CODE - 2/C: BLACK & RED COLORED INSULATION. 4/C AND ABOVE: BLACK INSULATION WITH PRINTED NUMBERS.

APPLICATIONS: FIRE ALARM CIRCUIT INTEGRITY - CONDUIT SYSTEM (NEC ARTICLE 760), EMERGENCY SYSTEMS (NEC ARTICLES 700 AND 517) SURVIVABILITY FROM ATTACK BY FIRE (MUST BE CONNECTED TO FIRE COMMAND CENTER TO MEET FIRE ALARM CODE & SURVIVABILITY REQUIREMENTS.) SUITABLE FOR 2-HOUR FIRE RESISTIVE USES IN CONDUIT*. LISTED FOR POWER-LIMITED SYSTEMS (72V). SUITABLE FOR USE IN NON-POWER LIMITED SYSTEMS (75C.)

COMPLIANCE: NEC FPLR (UL), 2-HOUR FIRE RESISTIVE TEST UL2196 IN CONDUIT*. NEC ARTICLE 760, UL1424 FOR POWER-LIMITED FIRE-ALARM CIRCUITS. FLAME RATING UL1666, NFPA-72.

PRINT: "TAPPAN WIRE & CABLE-R CIC #C #AWG SHIELDED FPLR 75C (UL) / (UL) CLASSIFIED FIRE RESISTIVE CABLE FOR USE IN ELECTRICAL CIRCUIT PROTECTIVE SYSTEMS-SYSTEM 32." SEQUENTIAL FOOTAGE MARKERS

OPTIONS AVAILABLE: AVAILABLE ON 1000 FT STANDARD LENGTH SPOOLS - CONSULT FACTORY FOR OTHER LENGTHS. AVAILABLE WITH NON-POWER LIMITED LISTING AND NPLFR 75C PRINT LEGEND (SAME CONSTRUCTION) - MINIMUMS APPLY, CONSULT FACTORY.

FPLR SHIELDED 18AWG CIC

TAPPAN SPEC #	# COND.	AWG	INSUL THICKNESS (INCH)	JACKET THICKNESS (INCH)	NOMINAL O.D. (INCH)	MAXIMUM CONDUCTOR RESISTANCE PER MFT.	NOMINAL CAPACITANCE CONDUCTOR-CONDUCTOR (Pf / FT)	NET WEIGHT (LBS PER MFT)
SC4013.1	2	18 SOLID	.032	.046	.321	6.48	16	56
SC4014.1	4	18 SOLID	.032	.046	.364	6.48	16	81
SC4015.1	6	18 SOLID	.032	.046	.426	6.48	16	110
SC4016.1	8	18 SOLID	.032	.046	.460	6.48	16	136

Note: Weights and Dimensions are nominal, and subject to normal manufacturing tolerances. Dimensional specifications are subject to change for materials and process improvements not affecting cable qualifications or functionality.*

* UL Classified Fire Resistive Cable for use in Electrical Circuit Protective Systems - System 32. See UL Fire Resistive Directory.



2-Hour Fire Rated Cables – Circuit Integrity Shielded 16 AWG – 12 AWG

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- ✓ CIC* In-Conduit solution



ICON-CI/CIC™ – Fire Resistive Cables; and Cable for Conduit System*

CONSTRUCTION: BARE COPPER CONDUCTORS, SOLID OR STRANDED, CERAMIFIABLE SILICONE RUBBER INSULATION, REINFORCED COPPER FOIL TAPE SHIELD, DRAIN WIRE, MICA TAPE, CABLED, RED FRPE LSZH JACKET, INSULATION RATED FOR 300 VOLTS, 75°C COLOR CODE - 2/C: BLACK & RED COLORED INSULATION. 4/C AND ABOVE: BLACK INSULATION WITH PRINTED NUMBERS.

APPLICATIONS: FIRE ALARM CIRCUIT INTEGRITY (NEC ARTICLE 760), EMERGENCY SYSTEMS (NEC ARTICLES 700 AND 517) SURVIVABILITY FROM ATTACK BY FIRE (MUST BE CONNECTED TO FIRE COMMAND CENTER TO MEET FIRE ALARM CODE & SURVIVABILITY REQUIREMENTS.) SUITABLE FOR 2-HOUR FIRE RESISTIVE USES IN CONDUIT* OR OUTSIDE OF CONDUIT. LISTED FOR POWER-LIMITED SYSTEMS (72V). SUITABLE FOR USE IN NON-POWER LIMITED SYSTEMS (75C.) SUITABLE FOR USE IN RISERS.

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FPLR-CI SHIELDED ICON-CI/CIC™*

TAPPAN SPEC #	# COND.	AWG	INSUL THICKNESS (INCH)	JACKET THICKNESS (INCH)	NOMINAL O.D. (INCH)	MAXIMUM CONDUCTOR RESISTANCE PER MFT.	NOMINAL CAPACITANCE CONDUCTOR-CONDUCTOR (Pf / FT)	NET WEIGHT (LBS PER MFT)
SC5007.1	2	16 SOLID	.032	.046	.339	4.10	18	67
SC5008.1	4	16 SOLID	.032	.046	.386	4.10	18	101
SC6007.1	2	14-7 STR	.032	.046	.245	2.60	20	84
SC6011.1	2	14 SOLID	.032	.046	.238	2.60	20	82
SC6008.1	4	14-7 STR	.032	.046	.435	2.60	20	131
SC7007.1	2	12-7 STR	.032	.046	.415	1.64	21	107
SC7008.1	4	12-7 STR	.032	.046	.478	1.64	21	175

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