

## APPLICATIONS

The LIFELINE CIC product line represents a UL Listed cable designed for use in fire alarm systems. The cables unique property is its two hour fire rating when installed in 1/2" or larger EMT (or conduit) per the National Electrical Code and UL Electrical Circuit Protective System (FHIT) #24 of the UL Building Materials Directory.

LIFELINE CIC is a cost effective means of providing "survivability" as required by the 1999 National Fire Alarm Code (NFPA 72). Additionally, it can dramatically increase the reliability of any fire alarm system when it needs it the most (i.e. when the system is under attack by fire and water).

LIFELINE CIC is flexible and easy to install without the need for any special tools, hardware or instructions. Another benefit of the fire rated construction is extremely low capacitance improving system performance and avoiding the need for special mid-cap cables.

## FEATURES

### 1. CONDUCTOR

Bare soft copper solid copper for 18 and 16 AWG; bare stranded copper for 14 and 12 AWG.

### 2. INSULATION

Silicone IAW per UL-1424.

### 3. SHIELD

Optional aluminum/mylar with drain wire.

### 4. JACKET

Red TPE.

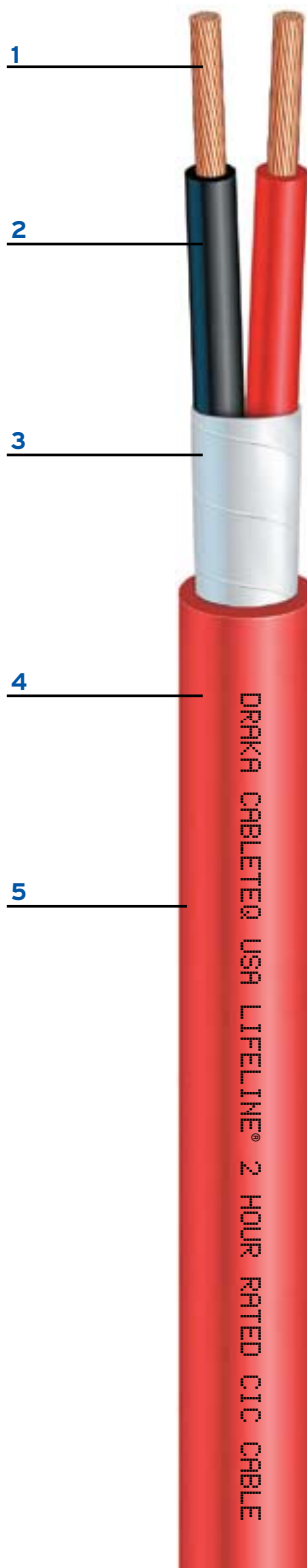
### 5. IDENTIFICATION

THE JACKET SURFACE SHALL BE PRINTED OR INDENTED WITH: DRAKA CABLETEQ USA-PA (NUMBER AND SIZE OF CONDUCTORS) LIFELINE CIC FIRE ALARM CABLE UL CLASSIFIED 2 HOUR FIRE RATING SYSTEM.

## RATINGS

Meets 1999 National Fire Alarm Code (NFPA 72) requirements for survivability  
 UL Standard for Tests of Fire Resistive Cables, UL 2196  
 UL Listed FPL Fire Alarm Cable per UL Standard 1424  
 Electrical Circuit Protective System (FHIT) #24 of the  
 UL Fire Resistance Directory  
 UL Listed NPLF Fire Alarm Cable per UL Standard 1425

\*When installed per UL Electrical Circuit Protective System #24 and all provisions of the National Electrical Code.





# LIFELINE® 2 HOUR RATED\* CIC CABLE

multiconductor FPL rated

18, 16, 14 & 12 AWG / shielded and unshielded / 150 volt

## UNSHIELDED – POWER LIMITED, TYPE FPL AND NPLF

Part Number	Conductor Number	Conductor AWG/Style	Capacitance Conductor to Conductor pF/ft (pF/m)	DC Resistance Ohms/ft	Cable O.D. in (mm)	Cable Weight Lbs/Mft (Kg/Km)
TCICFPL-1P/18NS	2	18 / solid	14.5 (47.4)	6.5	0.33 (8.4)	53 (79)
TCICFPL-4C/18NS	4	18 / solid	14.5 (47.4)	6.5	0.37 (9.4)	76 (113)
TCICFPL-6C/18NS	6	18 / solid	14.5 (47.4)	6.5	0.43 (10.9)	104 (155)
TCICFPL-8C/18NS	8	18 / solid	14.5 (47.4)	6.5	0.51 (13.0)	136 (202)
TCICFPL-1P/16NS	2	16 / solid	16.3 (53.4)	4.1	0.33 (8.4)	62 (92)
TCICFPL-4C/16NS	4	16 / solid	16.3 (53.4)	4.1	0.40 (10.2)	94 (140)
TCICFPL-2C/14NS	2	14 / 7/str	18.4 (60.3)	2.6	0.39 (9.9)	80 (119)
TCICFPL-4C/14NS	4	14 / 7/str	18.4 (60.3)	2.6	0.44 (11.2)	125 (186)
TCICFPL-2C/12NS	2	12 / 7/str	20.6 (67.4)	1.8	0.42 (10.7)	101 (150)
TCICFPL-4C/12NS	4	12 / 7/str	20.6 (67.4)	1.8	0.49 (12.4)	168 (250)

## OVERALL SHIELD – POWER LIMITED, TYPE FP AND NPLF

TCICFPL-1P/18OS	2	18 / solid	25.7 (84.4)	6.5	0.33 (8.4)	57 (85)
TCICFPL-4C/18OS	4	18 / solid	25. (84.4)	6.5	0.38 (9.7)	81 (121)
TCICFPL-6C/18OS	6	18 / solid	25.7 (84.4)	6.5	0.44 (11.2)	110 (164)
TCICFPL-8C/18OS	8	18 / solid	25.7 (84.4)	6.5	0.51 (13.0)	142 (211)
TCICFPL-1P/16OS	2	16 / solid	29.2 (95.8)	4.1	0.35 (8.9)	66 (98)
TCICFPL-4C/16OS	4	16 / solid	29.2 (95.8)	4.1	0.40 (10.2)	99 (147)
TCICFPL-2C/14OS	2	14 / 7/str	35.9 (117.7)	2.6	0.40 (10.2)	85 (126)
TCICFPL-4C/14OS	4	14 / 7/str	35.9 (117.7)	2.6	0.45 (11.4)	130 (193)
TCICFPL-2C/12OS	2	12 / 7/str	41.0 (134.5)	1.8	0.43 (10.9)	106 (158)
TCICFPL-4C/12OS	4	12 / 7/str	41.0 (134.5)	1.8	0.50 (12.7)	173 (257)

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

\*When installed per UL Electrical Circuit Protective System #24 and all provisions of the National Electrical Code.