

Circuit Integrity in Conduit (CIC) Safe-T-Line® Cable

Commercial Applications, Addressable Systems

Unshielded, Riser-Rated

**Unshielded Multi-conductor**

FPLR-CIC Rated

Product Description

Bare copper conductors, ceramifiable silicone rubber insulation, Red FRPE (Low-Smoke, Non-Halogen) jacket. Sequential footage marking every two feet.

Color Code: Black, Red.

Specifications

Conductor	Bare Copper
Insulation	Silicone Rubber
Shield	Unshielded
Jacket	FRPE
Jacket Thickness	.035" (.889mm)
Approvals	
NEC	FPLR-CIC
NEC Articles	760
Voltage Rating	300V
Temperature Rating	105°C

Note: 2-conductor versions are color-coded black and red.
4 or more conductor versions are all black and numbered.

Applications

- Circuit Integrity
- Fire Alarm Circuit Integrity
- Survivability
- Survivability from Attack by Fire

Stranded**Solid**

Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Unshielded Multi-conductor (NEC FPLR-CIC)

16 AWG										
5200UZ <small>NEW</small>	2	7	1000	305	68.0	30.9	.056	1.42	.37	9.40
5220UZ <small>NEW</small>	2	solid	1000	305	64.0	29.0	.056	1.42	.35	8.89
14 AWG										
5100UZ <small>NEW</small>	2	7	1000	305	87.0	39.5	.056	1.42	.40	10.16
5120UZ <small>NEW</small>	2	solid	1000	305	79.0	35.8	.056	1.42	.38	9.65
12 AWG										
5000UZ <small>NEW</small>	2	7	1000	305	108.0	50.0	.056	1.42	.37	9.40
5020UZ <small>NEW</small>	2	solid	1000	305	101.0	45.8	.056	1.42	.42	10.67

FRPE = Flame-retardant Polyethylene

Circuit Integrity in Conduit (CIC) Safe-T-Line® Cable

Commercial Applications, Addressable Systems

Shielded, Riser-Rated

**Shielded Multi-conductor**

FPLR-CIC Rated

Product Description

Bare copper conductors, ceramifiable silicone rubber insulation, overall Beldfoil® Shield (100% coverage), tinned copper drain wire, Red FRPE (Low-Smoke, Non-Halogen) jacket, Sequential footage marking every two feet.

Color Code: Black, Red. (see note)

Specifications

Conductor	Bare Copper
Insulation	Silicone Rubber
Shield	Beldfoil
Jacket	FRPE
Jacket Thickness	.035" (.889mm)
Approvals	
NEC	FPLR-CIC
NEC Articles	760
Voltage Rating	300V
Temperature Rating	105°C

Note: 2-conductor versions are color-coded black and red.
4 or more conductor versions are all black and numbered.

Applications

- Circuit Integrity
- Fire Alarm Circuit Integrity
- Survivability
- Survivability from Attack by Fire

Stranded**Solid**

Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Shielded Multi-conductor (NEC FPLR-CIC)

16 AWG										
5200FZ <small>NEW</small>	2	7	1000	305	75.0	34.0	.056	1.42	.37	9.40
5220FZ <small>NEW</small>	2	solid	1000	305	71.0	32.2	.056	1.42	.36	9.14
5222FZ <small>NEW</small>	4	solid	1000	305	108.0	50.0	.056	1.42	.41	10.41
14 AWG										
5100FZ <small>NEW</small>	2	7	1000	305	97.0	44.0	.056	1.42	.41	10.41
5120FZ <small>NEW</small>	2	solid	1000	305	90.0	40.8	.056	1.42	.38	9.65
12 AWG										
5000FZ <small>NEW</small>	2	7	1000	305	122.0	55.3	.056	1.42	.44	11.18
5020FZ <small>NEW</small>	2	solid	1000	305	117.0	53.1	.056	1.42	.42	10.67
5022FZ <small>NEW</small>	4	solid	1000	305	187.0	84.8	.056	1.42	.48	12.19

FRPE = Flame-retardant Polyethylene