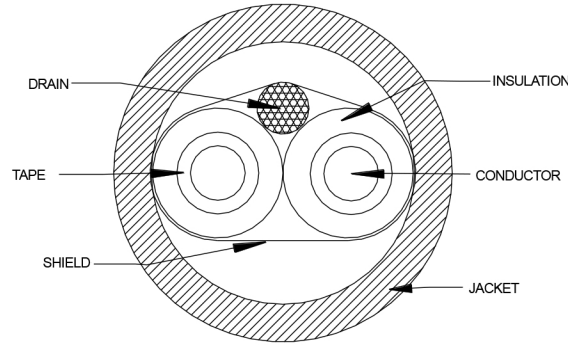


18 AWG 2-Conductor Shielded VITALink® Circuit Integrity Cable



1. Construction:

- 1.1. Conductors: 18 AWG Solid Bare Copper, 0.0403" Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc™ 0.118" Nominal Diameter & 0.029" Nominal Wall Thickness
- 1.4. Color Code: Red, Black
- 1.5. Cable Assembly: Cable (2) Conductors Nominal 4.25" LHL
- 1.6. Drain: 20 AWG Stranded Bare Copper
- 1.7. Shield: Copper/Polyester Tape
- 1.8. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.309", Nominal Wall Thickness 0.034" Color: RED

2. Compliance:

- 2.1. (UL) Listed Type FPLR-CI-LS
- 2.2. (UL) Listed Type CMR-CI-LS
- 2.3. (UL) Listed CL3R-CI-LS, PLTC-CI-LS
- 2.4. CSA Listed FAS 105 FT4 ST1
- 2.5. UL Subject 1424 Power Limited Fire Alarm Circuits; 300V/105°C Classified
- 2.6. UL Subject 13 Power Limited Circuit Cables; 300V/105°C Classified
- 2.7. UL Subject 444 Communications Cable, 300V/105°C Classified
- 2.8. ANSI/UL 2196 2-Hour Fire Rating for use in FHIT System 40A
- 2.9. CAN/ULC-S139 2-Hour Fire Rating with Hose Stream for use in FHIT7 System 40A
- 2.10. NFPA 70 & 72
- 2.11. NYC Electrical Advisory Board #54502, April 2017
- 2.12. California State Fire Marshal Approved
- 2.13. RoHS Compliant


1.9. Jacket Print:

COMTRAN CABLE LLC LSZH VITALink®
 FPLR-CI-LS CMR-CI-LS CL3R-CI-LS 2/C 18AWG
 SHLD 105C SUN RES WET FRR-2HR FOR USE
 IN FHIT SYSTEM 40A & FHIT7 SYSTEM 40A
 MAX VOLTAGE 72V ULC-S139 W/HOSE
 STREAM OR CSA FAS105 FT4 ST1 PN36397
 (MMYY) 000002 (01-12345)

NOTE: MMY is 4 Digit Month/Year
 Sequential Footage Markings Every Two Feet

3. Physical Characteristics:

- 3.1. Nominal Conductor DCR @ 68F: 6.51 Ω
- 3.2. Nominal Weight per 1000 FT: 49 Lbs.
- 3.3. Min Bend Radius: 2"
- 3.4. Maximum Pull Tension – Straight runs: 26 Lbs./Ft.

Part No:		Title:			
2HR-36397		Comtran VITALink 2 Hour Fire Resistant Cable, 18 AWG, Solid, Shielded			
Rev	Date	Detail	Eng.	App.	
04	05/24/18	FAS 90 to 105	PB	WC	ECN 18-067
03	10/05/17	Updated Legend	PB	RN	
02	06/07/17	Additional Listings add NYC EAB #	PB	RN	
01	05/10/97	First Release	PB	RN	

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