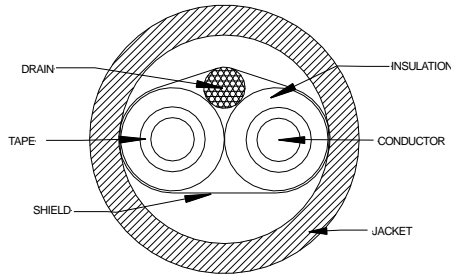


# VITALink®

## 14 AWG Solid 2/C Shielded Circuit Integrity Cable



### 1. Construction:

- 1.1. Conductors: 14 AWG (2.1 mm<sup>2</sup>) Solid Bare Copper, 0.0641" (0.10 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® 0.142" (3.60 mm) Nominal Diameter & 0.029" (0.73 mm) Nominal Wall Thickness
- 1.4. Color Code: Red, Black
- 1.5. Cable Assembly: Cable (2) Conductors Nominal 5" LHL
- 1.6. Drain: 18 AWG (0.82 mm<sup>2</sup>) Stranded Bare Copper
- 1.7. Shield: Copper/Polyester Tape
- 1.8. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.359" (9.11 mm), Nominal Wall Thickness 0.034" (0.86 mm) Color: RED

#### 1.9. Jacket Print:

COMTRAN LSZH VITALink® FPLR-CI-ST1 CL3R-CI-ST1 2/C 14AWG SHLD 105C FT4 SUN RES WET or FAS105 FT4 ST1 LL14444 FRR-2HR  
 FHIT.40A/FHIT7.40A UL2196/ULC S139 MAX  
 VOLTAGE 72V PN36316 --- NYC APPROVED  
 (MMYY) 000002 (01-12345)

NOTE: MMY is 4 Digit Month/Year  
 Sequential Footage Markings Every Two Feet  
 (01-12345)- Traceability Marking

### 2. Compliance:


- 2.1. (UL) Listed Type FPLR-CI-ST1
- 2.2. (UL) Listed CL3R-CI-ST1
- 2.3. CSA Listed FAS 105 FT4 ST1
- 2.4. UL Subject 1424 Power Limited Fire Alarm Circuits; 300V/105°C Classified
- 2.5. UL Subject 13 Power Limited Circuit Cables; 300V/105°C Classified
- 2.6. ANSI/UL 2196 2-Hour Fire Rating for use in FHIT System 40A
- 2.7. CAN/ULC-S139 2-Hour Fire Rating with Hose Stream for use in FHIT7 System 40A
- 2.8. NFPA 70 & 72
- 2.9. NFPA 130
- 2.10. NFPA 502
- 2.11. California State Fire Marshal Approved
- 2.12. NYC Electrical Advisory Board #54502, April 2017
- 2.13. RoHS Compliant

### 3. Physical Characteristics:

- 3.1. Nominal Weight per 1000 FT: 73 Lbs. (33.1 kg)
- 3.2. Min Bend Radius: 4" (101 mm)
- 3.3. Maximum Pull Tension – Straight runs: 66 Lbs. /Ft. (30 kg/Ft.)

### 4. Electrical Characteristics:

- 4.1. Nominal Conductor DCR @ 68F (20 °C): 2.6 Ω /1000 Ft.
- 4.2. Nominal Capacitance C-C: 25pF/Ft.

<b>TITLE:</b>		<b>DESCRIPTION:</b>		<b>COMTRAN</b> 330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		 Innovative Systems. Engineered Solutions. A Marmon Wire & Cable/Berkshire Hathaway Company	
<b>DS36316</b>		14 AWG Solid 2 Conductor VITALink® Shielded Circuit Integrity Cable					
Rev	Date	Detail	Eng.	App.			
13	05/12/20	Update legend due to UL update	PB	KB	ECN 20-042		
12	07/09/19	Change legend per UL update; add electrical data	PB	WC	ECN 19-071		
11	04/03/19	Correction to weight	PB	WC			
10	02/27/19	Add regulatory approvals	PB	WC			
09	01/08/19	Change logo and basic corrections	SM	WC			
08	10/31/18	Add LL# to print	PB	WC	ECN 18-118		

Comtran reserves the right to change the information above without prior notification. Comtran assumes no risk, and is not liable for direct or indirect, or consequential damages, resulting from the use of this document