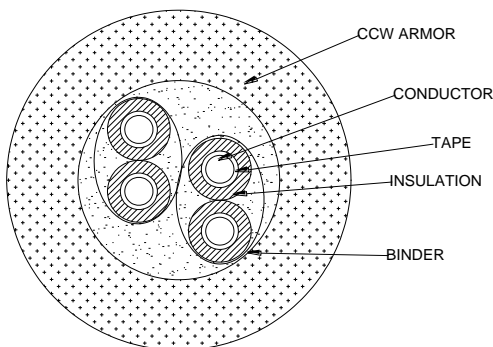


# VITALink®

## 14 AWG 2-Pair Armored Circuit Integrity Cable



### 1. Construction:

- 1.1. Conductors: 14 AWG (2.1 mm<sup>2</sup>) Solid Bare Copper, 0.064" (16.2 mm) Nominal Diameter
- 1.2. Tape: Heat Resistant Tape, 50% Nominal Overlap
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® Insulation, 0.142" (3.60 mm) Nominal Diameter
- 1.4. Color Code: Red & Black Pairs
- 1.5. Cable Assembly: Cable (2) Pairs
- 1.6. Binder: White Fire-Roc Binder, 0.505" (12.8 mm) Nominal Diameter
- 1.7. Armor: Continuously Corrugated Welded Copper, 0.840" (21.3 mm) Nominal Diameter

#### 1.8. Jacket Print:

COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 2PR (4/C) 14AWG 105C FT4 SUN RES WET or FAS105 FT4 ST1 LL14444 FRR-2HR FHIT.40B/FHIT7.40B UL2196/ULC S139 MAX VOLTAGE 72V PN 36517 (MMYY) (01-12345)

NOTE: MMY is 4 Digit Month/Year (01-12345) Traceability Code

### 2. Compliance:

- 2.1. (UL) Listed Type FPLR-ST1
- 2.2. (UL) Listed CL3R-ST1
- 2.3. CSA Listed FAS105 ST1 FT4
- 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 40B
- 2.7. CAN/ULC-S139 2-Hour Fire Rating with Hose Stream for use in FHIT7 System 40B
- 2.8. NFPA 70 & 72
- 2.9. California State Fire Marshal Approved
- 2.10. RoHS Compliant

### 3. Electrical Characteristics:

- 3.1. Nominal Conductor DCR @ 68F: 2.57Ω

### 4. Physical Characteristics:

- 4.1. Nominal Weight per 1000 FT: 447 Lbs. (202 kg)
- 4.2. Min Bend Radius: 5.8" (147 mm)
- 4.3. Maximum Pull Tension – 131 Lbs. /Ft. (59.4 kg / Ft.)

<b>TITLE:</b>		<b>DESCRIPTION:</b>		<b>COMTRAN</b>		<b>COMTRAN</b> <small>Innovative Systems. Engineered Solutions.</small>	
<b>DS36517</b>		14 AWG 2 Pair Armored VITALink® Circuit Integrity Cable		<b>330A Turner Street</b> <b>South Attleboro, MA 02703</b> <b>Phone: 508-399-7004</b> <b>Fax: 508-399-8839</b>		 <small>A Marmon Wire &amp; Cable/Berkshire Hathaway Company</small>	
Rev	Date	Detail	Eng.	App.			
05	06/10/20	Update to print	PB	KB	ECN 20-050		
04	11/25/19	Remove Sequential footage from print	PB	KB	ECN 19-114		
03	07/23/19	Change print legend per UL requirements	PB	WC	ECN 19-075		
02	01/29/19	Change logo and basic corrections	SM	PB			
01	09/18/18	Initial Drawing	PB	WC	S-2051-3/CD0735		

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