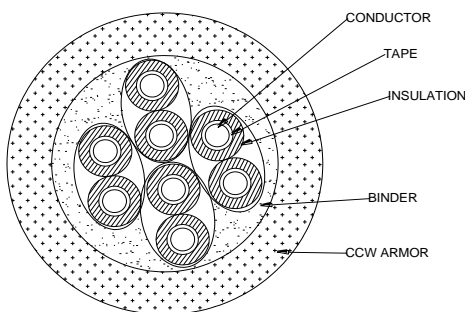


# VITALink®

## 14 AWG 4-Pair Armored Circuit Integrity Cable



### 1. Construction:

- 1.1. Conductors: 14 AWG (2.1 mm<sup>2</sup>) Solid Bare Copper, 0.064" (1.62 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 (4) Pairs
- 1.6. Binder: White Fire-Roc Binder, 0.605" (15.3 mm) Nominal Diameter
- 1.7. Armor: Continuously Corrugated Welded Copper, 0.920" (23.3 mm) Nominal Diameter

### 1.8. Jacket Print:

COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 4PR (8/C) 14AWG 105C FT4 SUN RES WET or FAS105 FT4 ST1 LL-14444 FRR-2HR FHIT.40B/FHIT7.40B UL2196/ULC S139 MAX VOLTAGE 72V PN 36519 (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: 589 Lbs. (267 kg)
- 4.2. Min Bend Radius: 6.4" (162 mm)
- 4.3. Maximum Pull Tension – 263 Lbs. /Ft (119 kg / Ft.)

| TITLE:         |          | DESCRIPTION:  |  | <b>COMTRAN</b><br>330A Turner Street<br>South Attleboro, MA 02703<br>Phone: 508-399-7004<br>Fax: 508-399-8839 |      | <br>Innovative Systems. Engineered Solutions.<br>A Marmon Wire & Cable/Berkshire Hathaway Company |  |
|----------------|----------|---|--|---|------|--|--|
| <b>DS36519</b> |          | 14 AWG 4 Pair Armored VITALink® Circuit Integrity Cable |  |   |      |  |  |
| Rev            | Date     | Detail  |  | Eng.  | App. |  |  |
| 05             | 06/10/20 | Update print  |  | PB  | KB   | ECN 20-050   |  |
| 04             | 11/25/19 | Remove footage marker from print                        |  | PB  | KB   | ECN 19-114   |  |
| 03             | 07/23/19 | Update print per UL requirement                         |  | PB  | WC   | ECN 19-075   |  |
| 02             | 01/29/19 | Change logo and basic corrections                       |  | SM  | PB   |  |  |
| 01             | 10/02/18 | Initial Concept   |  | PB  | WC   | S-2090-1/CD0874  |  |

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