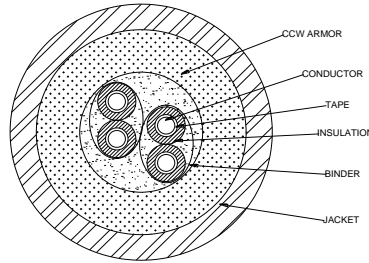


VITALink®

14 AWG 2-Pair Armored & Jacketed Circuit Integrity Cable



1. Construction:

- 1.1. Conductors: 14 AWG (2.1 mm²) 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 (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. **Armor Print :**
COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 2PR (4C)
14 AWG 105C FT4 SUN RES WET or FAS105 FT4 ST1 LL-14444 FRR-2HR FHIT.40B/FHIT7.40B UL2196/ULC S139 MAX VOLTAGE 72V PN 36517 (MMYY) (01-12345)
- 1.9. Jacket: Red Non-Halogen Flame Retardant Polyolefin Compound, 0.934" (23.7 mm) Nominal Diameter
- 1.10. **Jacket Print:**
COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 2PR (4C)
14 AWG 105C FT4 SUN RES WET or FAS105 FT4 ST1 LL-14444 FRR-2HR FHIT.40B/FHIT7.40B UL2196/ULC S139 MAX VOLTAGE 72V PN 36521 (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: 532 Lbs. (241 kg)
- 4.2. Min Bend Radius: 6.5" (165 mm)
- 4.3. Maximum Pull Tension – 131 Lbs. /Ft. (59.4 kg / Ft.)

TITLE:		DESCRIPTION:		COMTRAN 330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		 COMTRAN <small>Innovative Systems. Engineered Solutions.</small>  <small>A Marmon Wire & Cable/Berkshire Hathaway Company</small>	
DS36521		14 AWG 2 Pair Armored & Jacketed VITALink® Circuit Integrity Cable					
Rev	Date	Detail		Eng.	App.		
05	06/25/20	Update print per UL update		PB	WC	ECN 20-050	
04	11/25/19	Add Armor print and remove sequential footage markers		PB	WC	ECN 19-115	
03	07/23/19	Update print legend per UL requirement		PB	WC	ECN 19-075	
02	01/09/19	Change logo and basic corrections		SM	PB		
01	10/02/18	Initial Drawing		PB	WC	S-2051-3/CD0735	

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