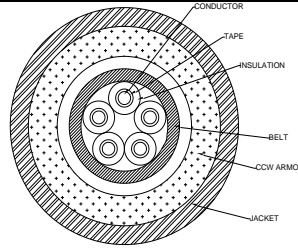


VITALink®

14 AWG 5-Conductor 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: Black printed primaries
- 1.5. Cable Assembly: Cable 5 Conductors
- 1.6. Belt: Black Fire-Roc Binder, 0.463" (11.76 mm) Nominal Diameter
- 1.7. Armor: Continuously Corrugated Welded Copper, 0.780" (19.81 mm) Nominal Diameter
- 1.8. **Armor Print:**
COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 (UL) 5/C 14 AWG 105C FT4 SUN RES WET or CSA FAS105 FT4 ST1 LL-14444 FRR-2HR FHIT.40B/FHIT7.40B UL2196/ULC S139 MAX VOLTAGE 72V PN 36728 (MMYY) (01-12345)
- 1.9. Jacket: Red Non-Halogen Flame Retardant Thermoplastic, 0.874" (22.20 mm) Nominal Diameter

1.10. Jacket Print:

COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 (UL) 5/C 14 AWG 105C FT4 SUN RES WET or CSA FAS105 FT4 ST1 LL-14444 FRR-2HR FHIT.40B/FHIT7.40B UL2196/ULC S139 MAX VOLTAGE 72V PN 36731 (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 FAS 105 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: 2.67 Ω/1000 FT

4. Physical Characteristics:

- 4.1. Nominal Weight per 1000 FT: 515 Lbs. (234 kg)
- 4.2. Min Bend Radius: 8.75" (222.25 mm)
- 4.3. Maximum Pull Tension – 164 Lbs.

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>	
DS36731		14 AWG 5 Conductor Armored & Jacketed VITALink® Circuit Integrity Cable					
Rev	Date	Detail		Eng.	App.		
01	05/10/21	Initial Design		PB	AG		

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