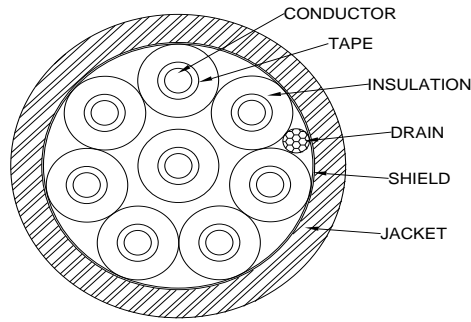


VITALink®

14 AWG 8-Conductor Shielded Circuit Integrity Cable



1. Construction:

- 1.1. Conductors: 14 AWG (2.08 mm²) Solid Bare Copper, 0.0641" (1.63 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® 0.142" (3.61 mm) Nominal Diameter & 0.029" (0.74 mm) Nominal Wall Thickness
- 1.4. Color Code: Black, Printed
- 1.5. Cable Assembly: Cable (8) Conductors
- 1.6. Drain: 18 AWG (0.82 mm²) Stranded Bare Copper
- 1.7. Shield: Copper/Polyester Tape
- 1.8. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.560" (14.22 mm), Nominal Wall Thickness 0.042" (1.07 mm) Color: RED

1.9. Jacket Print:

COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1 8/C
 14AWG SHLD 105C FT4 SUN RES WET or CSA
 FAS105 FT4 ST1 LL14444 FRR-2HR
 FHIT.40A/FHIT7.40A UL2196/ULC S139 MAX
 VOLTAGE 72V PN36671 --- (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-ST1
- 2.2. (UL) Listed CL3R-ST1
- 2.3. CSA Listed FAS 105 FT4 ST1
- 2.4. UL Subject 1424 Power Limited Fire Alarm Circuits; 300 V/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. RoHS Compliant

3. Physical Characteristics:

- 3.1. Nominal Weight per 1000 FT: 215 Lbs. (97.52 kg)
- 3.2. Min Bend Radius: 5.75" (146.05 mm)
- 3.3. Maximum Pull Tension – Straight runs: 263 Lbs. (119.3 kg)

4. Electrical Characteristics:

- 4.1. Nominal Conductor DCR @ 68F (20 °C): 2.6 Ω /1,000 Ft.

TITLE:		DESCRIPTION:		COMTRAN		COMTRAN Innovative Systems. Engineered Solutions.	
DS36671		14 AWG Solid 8 Conductor Shielded VITALink® Circuit Integrity Cable		330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		A Marmon Wire & Cable/Berkshire Hathaway Company	
Rev	Date	Detail	Eng.	App.			
01	09/13/21	Initial Drawing	PB	KB			

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