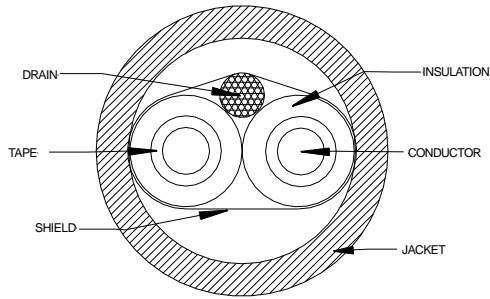


# VITALink®

## 14 AWG Solid 2/C Shielded Circuit Integrity Cable



### 1. Construction:

- 1.1. Conductors: 14 AWG (2.1 mm<sup>2</sup>) Solid Bare Copper, 0.0641" (0.10 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® 0.142" (3.60 mm) Nominal Diameter & 0.029" (0.73 mm) Nominal Wall Thickness
- 1.4. Color Code: Red, Black
- 1.5. Cable Assembly: Cable (2) Conductors Nominal 5" LHL
- 1.6. Drain: 18 AWG (0.82 mm<sup>2</sup>) Stranded Bare Copper
- 1.7. Shield: Copper/Polyester Tape
- 1.8. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.359" (9.11 mm), Nominal Wall Thickness 0.034" (0.86 mm) Color: RED

### 1.9. Jacket Print:

COMTRAN LSZH VITALink® FPLR-CI-LS CL3R-CI-LS 2/C 14AWG 105C SUN RES WET FRR-2HR FOR USE IN FHIT SYSTEM 40A & FHIT7 SYSTEM 40A MAX VOLTAGE 72V ULC-S139 W/HOSE STREAM OR CSA FAS105 FT4 ST1 LL14444 PN36316 (MMYY) 000002 (01-12345)

NOTE: MMY is 4 Digit Month/Year  
Sequential Footage Markings Every Two Feet

### 2. Compliance:

- 2.1. (UL) Listed Type FPLR-CI-LS
- 2.2. (UL) Listed CL3R-CI-LS
- 2.3. CSA Listed FAS 105 FT4 ST1
- 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 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. NYC Electrical Advisory Board #54502, April 2017
- 2.13. RoHS Compliant

### 3. Physical Characteristics:

- 3.1. Nominal Conductor DCR @ 68F (20 °C): 2.57 Ω /1000 Ft.
- 3.2. Nominal Weight per 1000 FT: 64 Lbs. (29.2 kg)
- 3.3. Min Bend Radius: 4" (101 mm)
- 3.4. Maximum Pull Tension – Straight runs: 66 Lbs. /Ft. (30 kg/Ft.)

<b>TITLE:</b>		<b>DESCRIPTION:</b>		<b>COMTRAN</b>		<b>COMTRAN</b> Innovative Systems. Engineered Solutions.	
<b>DS36316</b>		14 AWG Solid 2 Conductor VITALink® Shielded 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.		
10	02/27/19	Add regulatory approvals		PB	WC		
09	01/08/19	Change logo and basic corrections		SM	WC		
08	10/31/18	Add LL# to print		PB	WC	ECN 18-118	
07	05/24/18	FAS 90 to 105		PB	WC	ECN 18-067	
06	09/29/17	UPDATE LEGEND		PB	RN	ECN 17-102	
05	06/07/17	Additional listings add NYC EAB#		PB	RN		
04	05/10/17	Update to Print and Compliance section		PB	RN		
03	08/16/16	Update Print		PAB	RN		
02	06/15/16	Change part number to 36316 from 35787		PAB	RN		
01	06/02/16	First Release		PAB	RN		

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