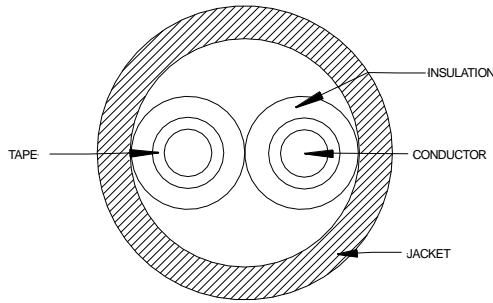


VITALink®

14 AWG Solid 2/C Non-Shielded 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: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® Insulation 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" (127mm) LHL
- 1.6. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.352" (8.94 mm), Nominal Wall Thickness 0.034" (0.86 mm) Color: RED
- 1.7. **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 LL14444 PN36338 (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
- 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): 2.57Ω / 1000 Ft.
- 3.2. Nominal Weight per 1000 FT: 61 Lbs. (27.6 kg)
- 3.3. Min Bend Radius: 3" (76.2 mm)
- 3.4. Maximum Pull Tension – Straight runs: 66 Lbs. /Ft. (30 kg/Ft.)
- 3.5. Passes Cold Bend Test @ -20C

TITLE:		DESCRIPTION:			COMTRAN		COMTRAN Innovative Systems. Engineered Solutions.		
DS36338		14 AWG Solid 2 Conductor VITALink® Non-shielded Circuit Integrity Cable			330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		<small>A Marmon Wire & Cable/Berkshire Hathaway Company</small>		
Rev	Date	Detail	Eng.	App.					
07	02/27/19	Add regulatory approvals	PB	WC					
06	01/29/19	Change logo and basic corrections	SM	PB					
05	10/31/18	Add LL# to print	PB	WC	ECN 18-118				
04	05/24/18	FAS 90 to 105	PB	WC	ECN 18-067				
03	09/29/17	UPDATE LEGEND	PB	RN	ECN 17-102				
02	07/20/17	Correct Typo in legend	PB	RN					
01	06/07/17	Initial Design	PB	RN					

Comtran reserves the right to change the information above without prior notification. Comtran Cable assumes no risk, and is not liable for direct or indirect, or consequential damages, resulting from the use of this document

VITALink®

14 AWG Solid 2/C Non-Shielded Circuit Integrity Cable

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>
DS36338	14 AWG Solid 2 Conductor VITALink® Non-shielded Circuit Integrity Cable		

Rev	Date	Detail	Eng.	App.	
07	02/27/19	Add regulatory approvals	PB	WC	
06	01/29/19	Change logo and basic corrections	SM	PB	
05	10/31/18	Add LL# to print	PB	WC	ECN 18-118
04	05/24/18	FAS 90 to 105	PB	WC	ECN 18-067
03	09/29/17	UPDATE LEGEND	PB	RN	ECN 17-102
02	07/20/17	Correct Typo in legend	PB	RN	
01	06/07/17	Initial Design	PB	RN	

Comtran reserves the right to change the information above without prior notification. Comtran Cable assumes no risk, and is not liable for direct or indirect, or consequential damages, resulting from the use of this document