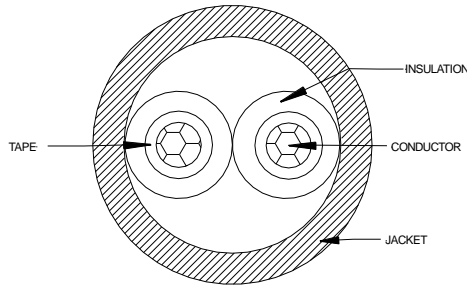


# VITALink®

## 12 AWG Stranded 2/C Non-Shielded Circuit Integrity Cable



### 1. Construction:

- 1.1. Conductors: 12 AWG (3.30 mm<sup>2</sup>) Stranded Copper, 0.0879" (2.23 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® Insulation 0.165" (4.19 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 6.00" (152 mm) LHL
- 1.6. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.413" (10.5 mm), Nominal Wall Thickness 0.042" (1.06 mm)  
Color: RED

#### 1.7. Jacket Print:

COMTRAN LSZH VITALink® FPLR-CI-LS CL3R-CI-LS 2/C 12AWG 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 PN36339 (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): 1.63Ω / 1000 Ft.
- 3.2. Nominal Weight per 1000 FT: 92 Lbs. (41.7 kg)
- 3.3. Min Bend Radius: 3" (76.2 mm)
- 3.4. Maximum Pull Tension – Straight runs: 104 Lbs. /Ft. (47.1 kg/Ft.)
- 3.5. Passes Cold Bend Test @ -20C

<b>TITLE:</b>		<b>DESCRIPTION:</b>			<b>COMTRAN</b>		<b>COMTRAN</b> <small>Innovative Systems. Engineered Solutions.</small>		
<b>DS36339</b>		12 AWG Stranded 2 Conductor VITALink® Non-shielded Circuit Integrity Cable			<b>330A Turner Street</b> <b>South Attleboro, MA 02703</b> <b>Phone: 508-399-7004</b> <b>Fax: 508-399-8839</b>		<small>A Marmon Wire &amp; Cable/Berkshire Hathaway Company</small>		
Rev	Date	Detail	Eng.	App.					
06	02/27/19	Add regulatory approvals	PB	WC					
05	01/29/19	Change logo and basic corrections	SM	PB					
04	10/31/18	Add LL# in print	PB	WC	ECN 18-118				
03	05/24/18	FAS 90 to 105	PB	WC	ECN 18-067				
02	11/21/17	Updated Legend	PB	RN					
01	07/12/17	Initial Design	PB	RN					

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