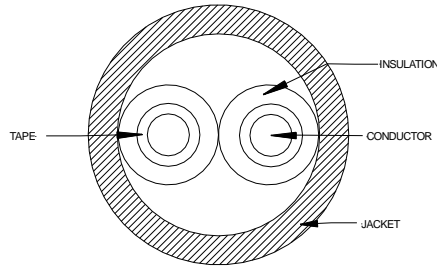


VITALink®

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



1. Construction:

- 1.1. Conductors: 18 AWG (0.82 mm²) Solid Bare Copper, 0.0403" (1.02 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® 0.118" (3 mm) Nominal Diameter & 0.029" (0.73 mm) Nominal Wall Thickness
- 1.4. Color Code: Red, Black
- 1.5. Assembly: Cable (2) Conductors 4.25" (108 mm) Nominal LHL
- 1.6. Jacket: Non-Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter 0.305" (7.74 mm), Nominal Wall Thickness 0.034" (0.86 mm) Color: RED
- 1.7. **Jacket Print:**
COMTRAN LSZH VITALink® FPLR-CI-ST1 CMR-CI-LS CL3R-CI-ST1 2/C 18AWG 105C SUN RES WET or FAS105 LL14444 FRR-2HR FHIT.40A/FHIT7.40A UL2196/ULC S139 MAX VOLTAGE 72V PN36337 --- NYC APPROVED (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-CI-ST1
- 2.2. (UL) Listed Type CMR-CI-LS
- 2.3. (UL) Listed CL3R-CI-ST1
- 2.4. CSA Listed FAS 105
- 2.5. UL Subject 1424 Power Limited Fire Alarm Circuits; 300V/105°C Classified
- 2.6. UL Subject 13 Power Limited Circuit Cables; 300V/105°C Classified
- 2.7. UL Subject 444 Communications Cable; 300V/105°C Classified
- 2.8. ANSI/UL 2196 2-Hour Fire Rating for use in FHIT System 40A
- 2.9. CAN/ULC-S139 2-Hour Fire Rating with Hose Stream for use in FHIT7 System 40A
- 2.10. NFPA 70 & 72
- 2.11. NFPA 130
- 2.12. NFPA 502
- 2.13. California State Fire Marshal Approved
- 2.14. NYC Electrical Advisory Board #54502, April 2017
- 2.15. RoHS Compliant

3. Physical Characteristics:

- 3.1. Nominal Weight per 1000 FT: 41 Lbs. (18.5 kg)
- 3.2. Min Bend Radius: 2" (50.8 mm)
- 3.3. Maximum Pull Tension – Straight runs: 26 Lbs. /ft. (11.7 kg/Ft.)

4. Electrical Characteristics:

- 4.1. Nominal Conductor DCR @ 68F (20 °C): 6.51 Ω / 1000 Ft.
- 4.2. Nominal Capacitance C-C: 13 pF/Ft.

| 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> |
|----------------|----------|---|------|---|------------|---|
| DS36337 | | 18 AWG Solid 2 Conductor VITALink® Non-shielded Circuit Integrity Cable | | | | |
| Rev | Date | Detail | Eng. | App. | | |
| 12 | 05/12/20 | Update legend per UL update | PB | KB | ECN 20-042 | |
| 11 | 01/09/20 | Update Capacitance per physical test. | PB | WC | | |
| 10 | 07/09/19 | Change legend per UL update; add electrical data | PB | WC | ECN 19-071 | |
| 09 | 02/27/19 | Add regulatory approvals | PB | WC | | |
| 08 | 01/29/19 | Change logo and basic corrections | SM | WC | | |

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