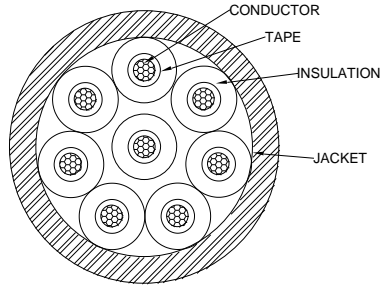


VITALink®

12 AWG Stranded 8-Conductor Circuit Integrity Cable



1. Construction:

- 1.1. Conductors: 12 AWG (4.17 mm²) Stranded Bare Copper, 0.0897" (2.28 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® 0.167" (4.24 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. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.635" (16.13 mm), Nominal Wall Thickness 0.042" (1.07 mm) Color: RED

1.7. Jacket Print:

COMTRAN LSZH VITALink® FPLR-ST1 CL3R-ST1
 8/C 12AWG 105C FT4 SUN RES WET FRR-2HR
 FHIT.40A/FHIT7.40A UL2196/ULC S139 MAX
 VOLTAGE 72V PN36778 --- (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. UL Subject 1424 Power Limited Fire Alarm Circuits; 300 V/105°C Classified
- 2.4. UL Subject 13 Power Limited Circuit Cables; 300V/105°C Classified
- 2.5. ANSI/UL 2196 2-Hour Fire Rating for use in FHIT System 40A
- 2.6. CAN/ULC-S139 2-Hour Fire Rating with Hose Stream for use in FHIT7 System 40A
- 2.7. NFPA 70 & 72
- 2.8. NFPA 130
- 2.9. NFPA 502
- 2.10. California State Fire Marshal Approved
- 2.11. RoHS Compliant

3. Physical Characteristics:

- 3.1. Nominal Weight per 1000 FT: 293 Lbs. (132.9 kg)
- 3.2. Min Bend Radius: 6.25" (158.75 mm)
- 3.3. Maximum Pull Tension – Straight runs: 416 Lbs. (188.7 kg)

4. Electrical Characteristics:

- 4.1. Nominal Conductor DCR @ 68F (20 °C): 1.69 Ω /1,000 Ft.

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|------------------|----------|---|------|---|--|---|--|
| TITLE: | | DESCRIPTION: | | COMTRAN 330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839 | |  COMTRAN Innovative Systems. Engineered Solutions.  A Marmon Wire & Cable/Berkshire Hathaway Company | |
| <h1>DS36778</h1> | | 12 AWG Stranded 8 Conductor VITALink® Circuit Integrity Cable | | | | | |
| Rev | Date | Detail | Eng. | App. | | | |
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| 01 | 09/21/21 | Initial Drawing | PB | KB | | | |

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