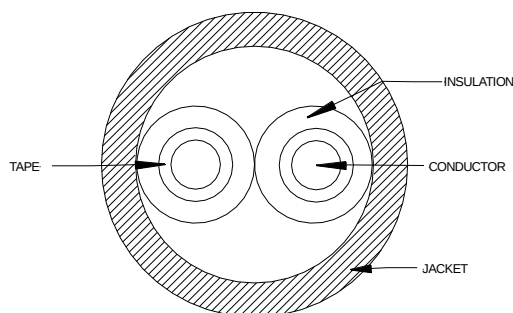


VITALink®

16 AWG 2-Conductor Non-Shielded Circuit Integrity Cable



1. Construction:

- 1.1. Conductors: 16 AWG (1.31 mm²) Solid Bare Copper, 0.0508" (1.27 mm) Nominal Diameter
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: Low Smoke Zero Halogen Thermoset Fire-Roc® 0.128" (3.25 mm) Nominal Diameter & 0.029" (0.73 mm) Nominal Wall Thickness
- 1.4. Color Code: Red, Black
- 1.5. Cable Assembly: Cable (2) Conductor 4.5" (114 mm) Nominal LHL
- 1.6. Jacket: Non Halogen Flame Retardant Polyolefin Compound, Nominal Overall Diameter, 0.321" (8.15 mm), Nominal Wall Thickness 0.034" (0.86 mm) Color: RED
- 1.7. **JACKET Print:**
COMTRAN LSZH VITALink® FPLR-CI-LS
CMR-CI-LS CL3R-CI-LS 2/C 16AWG 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 PN35777
(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 Type CMR-CI-LS
- 2.3. (UL) Listed CL3R-CI-LS
- 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 Conductor DCR @ 68F (20° c): 4.09 Ω / 1000 Ft.
- 3.2. Nominal Weight per 1000 FT: 52 Lbs. (23.5 kg)
- 3.3. Min Bend Radius: 3" (76.2 mm)
- 3.4. Maximum Pull Tension – Straight runs: 41 Lbs. /ft. (18.5 mm)

TITLE:		DESCRIPTION:		COMTRAN	
DS35777		16 AWG 2 Conductor Non-Shielded VITALink® Circuit Integrity Cable		330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839	
Rev	Date	Detail	Eng.	App.	
10	02/27/19	Add regulatory approvals	PB	WC	
09	12/19/18	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 17-1000
05	08/08/17	Updated to current format; added listings	PB	RN	
04	09/07/16	Updated specification	PB	RN	

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

VITALink®

16 AWG 2-Conductor Non-Shielded Circuit Integrity Cable

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
DS35777		16 AWG 2 Conductor Non-Shielded VITALink® Circuit Integrity Cable			
Rev	Date	Detail	Eng.	App.	
10	02/27/19	Add regulatory approvals	PB	WC	
09	12/19/18	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 17-1000
05	08/08/17	Updated to current format; added listings	PB	RN	
04	09/07/16	Updated specification	PB	RN	

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