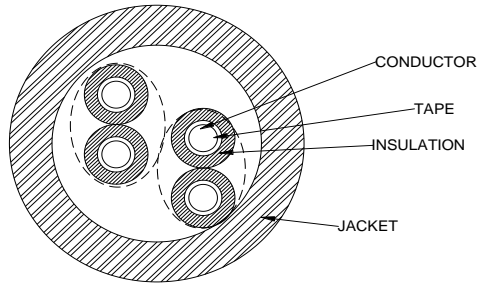


VITALink®

18 AWG 2-Pair UTP Ethernet Cable – Patent Pending



1. Construction:

- 1.1. Conductors: 18 AWG Solid Bare Copper 0.040" Nominal Diameter (1.01 mm)
- 1.2. Tape: Flame Retardant Tape
- 1.3. Insulation: LSZH Thermoset Fire-Roc™, 0.090" (2.29 mm) Nominal Diameter, 0.015" (0.38 mm) Nominal Wall Thickness
- 1.4. Pairs: Conductors Twisted to Varying Lays
- 1.5. Color: Red & Black Printed
- 1.6. Cable: Cable 2 Pairs
- 1.7. Jacket: Red Non-Halogen Flame Retardant Polyolefin, 0.357" (9.07 mm) Nominal Diameter, Nominal Wall Thickness, 0.034" (0.87 mm)

1.8. Jacket Print:

COMTRAN LSZH VITALink® c(UL)us CMR-LS or (UL) CL3R-ST1 2P18 AWG 105C FT4 SUN RES WET FRR-2HR 3. FHIT.40A/FHIT7.40A UL2196/ULC S139 MAX VOLTAGE 72V PN 36608 (MMYY) 000002 (01-12345) PATENT PENDING

MMYY is 4 Digit Month/Year
(01-12345) = Traceability Code
000002 FT – Sequential Footage every 2 feet

2. Compliance:



- 2.1. c(UL)us Listed Type CMR-LS
- 2.2. (UL) Listed CL3R-ST1
- 2.3. UL Subject 444 Communications Cable, 300V/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. California State Fire Marshal Approved
- 2.10. RoHS Compliant

3. Electrical Characteristics:

- 3.1. Meets Category 3 Channel Requirements per TIA-568-C.2 throughout UL2196 Flame and Hose Stream Testing
- 3.2. DC Resistance of Conductor: 6.52 Ω/1000' Nominal

4. Physical Characteristics:

- 4.1. Cable Weight: 56 Lbs./1000 Ft.
- 4.2. Min Bend Radius: 3.5"
- 4.3. Maximum Pull Tension – Straight Runs: 52 Lb.

TITLE:		DESCRIPTION	COMTRAN		 COMTRAN <small>Innovative Systems. Engineered Solutions.</small>  <small>A Marmon Wire & Cable/Berkshire Hathaway Company</small>
DS36608		18AWG 2-Pair UTP VITALink® Ethernet Cable – Patent Pending	330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		
Rev	Date	Detail	Eng.	App.	
3	05/20/20	Remove CMG from print for clarity	PB	DM	
2	04/22/20	Added CMG	PB	WC	
1	03/20/20	Initial Design	PB	WC	CD0888/S-2098

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