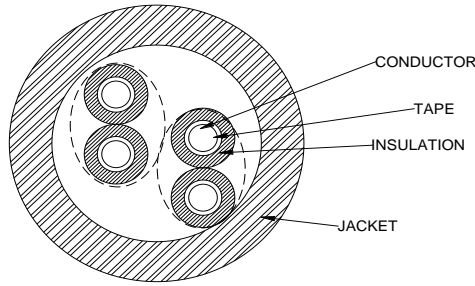


18 AWG 2-Pair UTP Ethernet Cable – Patent Pending



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: White & 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-ST1 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-ST1
- 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-568.2-D
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		<p style="text-align: center;">COMTRAN 330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839</p>		 <p>COMTRAN Innovative Systems. Engineered Solutions.</p>  <p>A Marmon Wire & Cable/Berkshire Hathaway Company</p>
DS36608		18AWG 2-Pair UTP VITALink® Ethernet Cable – Patent Pending				
Rev	Date	Detail	Eng.	App.		
6	1/10/22	Primary color change to white	BD	PB	ECN 21-055	
5	11/10/21	Updated '-C.2' to '.2-D' per TIA standard	BD	PB	ECN 21-049	
4	09/07/21	Update UL CM listing to ST1 per UL	PB	KB	ECN 21-055	
3	05/20/20	Remove CMG from print for clarity	PB	DM		
2	04/22/20	Added CMG	PB	WC		

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