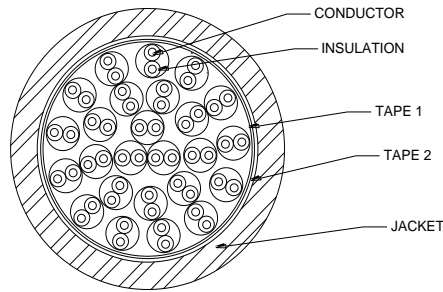


HUB-Link®

22 AWG 25-Pair LSZH Communication Cable



1. Construction:

- 1.1. Conductors: 22 AWG Solid Bare Copper 0.0253" Nominal Diameter
- 1.2. Insulation: Cross-Linked Polyolefin 0.044" Nominal Diameter
- 1.3. Pair Assembly: Conductors Twisted to Varying Lays
- 1.4. Cable Assembly: Cable 25 Pairs
- 1.5. Tape 1: Flame Barrier Tape, 25% Nominal Overlap
- 1.6. Tape 2: Woven Flame Barrier Tape, 25% Nominal Overlap
- 1.7. Jacket: Gray LSZH Polyolefin 0.560" Nominal Diameter

1.8. Jacket Print:

COMTRAN HUB-LINK® LSZH P/N 35961 25/PR (50/C) 22 AWG CMG-LS C(UL)US CL3-ST1/FPL-ST1 (UL) FT4 WET 90C RoHS (01-12345) 000002

(01-12345) = Traceability Code
000002 = Sequential Footage Markings Every Two Feet

2. Physical Characteristics:

- 2.1. Nominal Cable Weight: 187 lbs./1,000 ft.
- 2.2. Operation Temperature Rating: -20°C to +90°C

3. Compliance:

- 3.1. C(UL)US Listed Type CMG-LS
- 3.2. (UL) CL3-ST1, FPL-ST1
- 3.3. UL Subject 444 Communications Cables
- 3.4. UL Subject 13 Power Limited Circuit Cables
- 3.5. UL Subject 1424 Power Limited Fire Alarm Circuits
- 3.6. NFPA 130-2014 & 2017
- 3.7. IEEE 1202/FT4
- 3.8. UL 1685
- 3.9. For Use in Wet Locations per UL 13 & 1424
- 3.10. California State Fire Marshal Approved
- 3.11. RoHS Compliant



4. Electrical Characteristics:

- 4.1 Voltage Rating: 300V
- 4.2 Impedance: 100Ω +/- 15Ω

Frequency (MHz)	Insertion Loss	PSNEXT
	(dB/100m) (Max)	(dB/100m) (Min)
1	2.56	41.3
4	5.59	32.2
8	8.47	27.7
10	9.72	26.3
16	13.09	23.2

5. Physical Characteristics:

- 5.1. Operation Temperature Rating: -20°C to +90°C
- 5.2. Maximum Pull Tension: 256 Lbs./Ft.
- 5.3. Nominal Cable Weight: 190 lbs./1,000 ft.

TITLE:		DESCRIPTION	COMTRAN		 COMTRAN <small>Innovative Systems. Engineered Solutions.</small>  <small>A Marmon Wire & Cable/Berkshire Hathaway Company</small>
DS35961		22 AWG 25-Pair LSZH Communication Cable	330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		
Rev	Date	Detail	Eng.	App.	
11	01/14/20	Change LS to ST1 per UL; add pull tension	PB	WC	ECN 20-005
10	11/26/19	Add Voltage	PB	KB	
9	06/19/19	Change conductor size	PB	WC	ECN 19-061
8	01/22/19	Rebranded, updated print	PB	WC	14808
7	8/31/16	Updated format, added WET to print	PB	RN	



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HUB-Link[®]

22 AWG 25-Pair LSZH Communication Cable

25 Pair Color Code

Pair No.	Tip	Ring	Pair No.	Tip	Ring
1	White	Blue	14	Black	Brown
2	White	Orange	15	Black	Gray
3	White	Green	16	Yellow	Blue
4	White	Brown	17	Yellow	Orange
5	White	Gray	18	Yellow	Green
6	Red	Blue	19	Yellow	Brown
7	Red	Orange	20	Yellow	Gray
8	Red	Green	21	Violet	Blue
9	Red	Brown	22	Violet	Orange
10	Red	Gray	23	Violet	Green
11	Black	Blue	24	Violet	Brown
12	Black	Orange	25	Violet	Gray
13	Black	Green			

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>
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