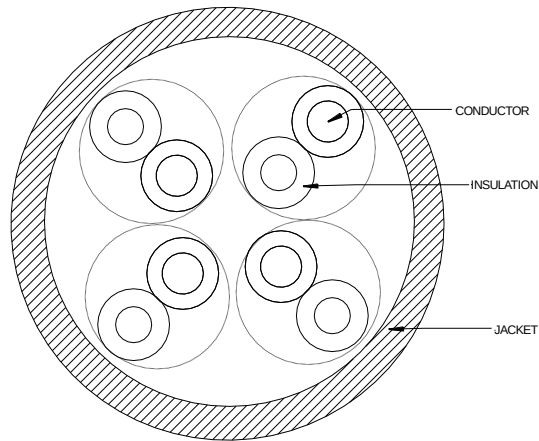


Category 6 Riser



1. Construction:

- 1.1. Conductors: 23 AWG Solid Bare Copper
- 1.2. Insulation: Polyethylene 0.040"
- 1.3. Pair Assembly: Conductors Twisted to Varying Lays
- 1.4. Cable Assembly: 4 Pairs Cabled Together
- 1.5. Jacket: Flame Retardant PVC Nom OD = 0.205"
- 1.6. Ripcord: Pulled in Under Jacket

1.7. JACKET PRINT:

COMTRAN CABLE LLC COM-LINK® CAT 6 250 MHz 23 AWG
CMR C(UL)US ETL VERIFIED TO ANSI/TIA-568-C.2 CATEGORY
6 RoHS (01-12345) XXXXXX

(01-12345) = Traceability Code
XXXXXX = Sequential Footage every Two Feet

3. Compliance:

- 3.1. UL Subject 444 Communications Cables
- 3.2. UL Listed Type CMR
- 3.3. UL 1666
- 3.4. NEC Article 800
- 3.5. c(UL) Type CMR
- 3.6. ICEA S-102-700
- 3.7. California State Fire Marshal
- 3.8. RoHS Compliant

2. Physical Characteristics:

- 2.1. Nominal Cable Weight: 23lbs./1,000 ft.
- 2.2. Installation Temperature Rating: 0°C to +60°C
- 2.3. Operation Temperature Rating: -20°C to +75°C

4. Category Electrical Performance:

- 4.1. Voltage Rating: 300V
- 4.2. Max. DC Resistance: 9.38Ω/100m
- 4.3. Max DC Resistance Unbalance: 5.0%
- 4.4. Nominal Velocity of Propagation: 68%
- 4.5. Max Propagation Delay Skew: 45 ns/100m
- 4.6. ETL Verified to ANSI/TIA-568-C.2

TITLE:		DESCRIPTION	Comtran Cable LLC 330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		
CAT 6 RISER		4 Pair 23 AWG Solid Bare Copper Category 6 Riser			
Rev	Date	Detail	Eng.	App.	
15	9/1/16	Added Black	BAL	RN	
14	4/11/16	New Format	BAL	RN	



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

Category 6 Riser

Category 6 Electricals

(Per ANSI/TIA 568-C.2)

	Char. Impedance	Return Loss	Attenuation	NEXT	PSNEXT	ACRF	PSACRF
Freq. (MHz.)	(Ohms)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
1	100	20.0	2.0	74.3	72.3	67.8	64.8
4	100	23.0	3.8	65.3	63.3	55.7	52.7
8	100	24.5	5.3	60.8	58.8	49.7	46.7
10	100	25.0	6.0	59.3	57.3	47.8	44.8
16	100	25.0	7.6	56.3	54.3	43.7	40.7
20	100	25.0	8.5	54.8	52.8	41.7	38.7
25	100	24.3	9.5	53.3	51.3	39.8	36.8
31.25	100	23.6	10.7	51.9	49.9	37.9	34.9
62.5	100	21.5	15.4	47.4	45.4	31.8	28.8
100	100	20.1	19.8	44.3	42.3	27.8	24.8
125	100	19.4	22.4	42.9	40.9	25.8	22.8
155	100	18.8	25.2	41.4	39.4	23.9	20.9
175	100	18.4	26.9	40.7	38.7	22.9	19.9
200	100	18.0	29.0	39.8	37.8	21.7	18.7
250	100	17.3	32.8	38.3	36.3	19.8	16.8

Category Color Code

Color Code	
Pair 1	Blue-White/Blue
Pair 2	Orange-White/Orange
Pair 3	Green-White/Green
Pair 4	Brown-White/Brown

Part Numbers

Part#	Color
38677	Blue
38678	White
35897	Green
35184	Yellow
35882	Gray
35697	Violet
36307	Black

TITLE:		DESCRIPTION	Comtran Cable LLC 330A Turner Street South Attleboro, MA 02703 Phone: 508-399-7004 Fax: 508-399-8839		  A Marmion Wire & Cable/Berkshire Hathaway Company
CAT 6 RISER		4 Pair 23 AWG Solid Bare Copper Category 6 Riser			
Rev	Date	Detail	Eng.	App.	
15	9/1/16	Added Black	BAL	RN	
14	4/11/16	New Format	BAL	RN	

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