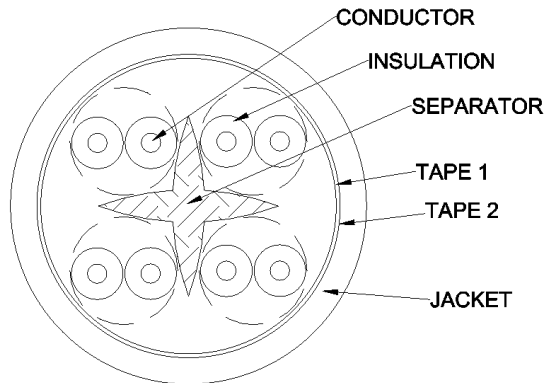


COM-Link®

Category 6A Reduced Diameter UTP Riser



1. Construction:

- 1.1. Conductors: 23 AWG Solid Bare Copper
- 1.2. Insulation: High Density Polyethylene 0.0435" Nominal Diameter
- 1.3. Pair Assembly: Conductors Twisted to Varying Lays
- 1.4. Cable Assembly: 4 Pairs Cabled Together With X-Web
- 1.5. Tape 1: Polyester 25% Nominal Overlap
- 1.6. Tape 2: Non-Conductive Tape Technology
- 1.7. Jacket: Riser PVC 0.275" Nominal Diameter

3. Compliance:

- 3.1. UL Subject 444 Communications Cables
- 3.2. UL Listed c(UL)us Type CMR
- 3.3. UL1666 Riser Flame Test
- 3.4. NEC Article 800
- 3.5. c(UL)us Type CMR
- 3.6. California State Fire Marshal
- 3.7. RoHS Compliant

1.8. Jacket Print:

COMTRAN COM-Link® CAT 6A 500 MHZ 23 AWG
CMR C(UL)US ETL VERIFIED TO ANSI/TIA-568-C.2
CATEGORY 6A RoHS (01-12345) 00002



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

4. Category Electrical Performance:

- 4.1. Voltage Rating: 300 V
- 4.2. Max. DC Resistance: 9.38 Ω/100m
- 4.3. Max DC Resistance Unbalance: 4.0%
- 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

2. Physical Characteristics:

- 2.1. Nominal Cable Weight: 32 lbs. /1,000 ft.
- 2.2. Installation Temperature Rating: 0 °C to + 60 °C
- 2.3. Operation Temperature Rating: -20 °C to + 60 °C

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	
CAT 6A REDUCED DIAMETER UTP RISER		4 Pair 23 AWG Solid Bare Copper COM-Link® Category 6A Reduced Diameter UTP Riser					
Rev	Date	Detail	Eng.	App.			
1	9/6/19	First release	KB	WC	S-2045-24		

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COM-Link®

Category 6A Reduced Diameter UTP Riser

Category 6A Electricals

(Per ANSI/TIA 568-C.2)



Char. Impedance		Return Loss	Attenuation	NEXT	PSNEXT	ACRF	PSACRF
Freq.	(Ohms)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
(MHz)	(+/-15)	(Min)	(Max)	(Min)	(Min)	(Min)	(Min)
1	100	20.0	2.0	74.3	72.3	67.8	64.8
4	100	23.0	3.8	65.3	63.3	55.8	52.8
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	7.5	56.2	54.2	43.7	40.7
20	100	25.0	8.4	54.8	52.8	41.8	38.8
25	100	24.3	9.4	53.3	51.3	39.8	36.8
31.25	100	23.6	10.5	51.9	49.9	37.9	34.9
62.5	100	21.5	15.0	47.4	45.4	31.9	28.9
100	100	20.1	19.1	44.3	42.3	27.8	24.8
200	100	18.0	27.6	39.8	37.8	21.8	18.8
250	100	17.3	31.1	38.3	36.3	19.8	16.8
300	100	16.8	34.3	37.1	35.1	18.3	15.3
400	100	15.9	40.0	35.3	33.3	15.8	12.8
500	100	15.2	45.3	33.8	31.8	13.8	10.8

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
36508	Blue
36509	White

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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