

Category 6A Augmented 500 MHz Plenum

Part No.: 6UB234UTP

ETL Listed for guaranteed performance
Made in the USA

Applications

Supports all category 6A applications including Ethernet 10 Gigabit, 100BASETX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422.

Construction Details:

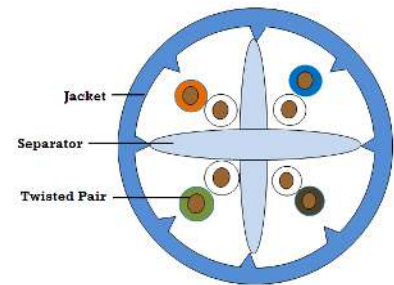
No. 23 AWG copper conductor insulated with FEP. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled around a pair separator to form a core. The core is jacketed with a low smoke, flame retardant PVC.
Surface Print: 3122598 CAT6A (AUGMENTED) 10GIG 4PR 23AWG C(ETL)US CMP FT6 MADE IN USA

Color Code:

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

Electrical Parameters:

Mutual Capacitance:	14 pF/ft nominal
Capacitance Unbalance:	330 pF/ft maximum
Velocity of Propagation:	72%
Max. Conductor D.C.R.:	28.6 ohm/1000 feet
Max. DCR Unbalance:	5%
Max. Delay Skew:	45 ns/100m
Characteristic Impedance:	from 0.772 - 100 MHz 100 ± 15%
	from 101 - 200 MHz 100 ± 22%
	from 201 - 500 MHz 100 ± 32%



Drawing is not to scale

Technical Details

Temperature Rating	
Installation:	-0°C to 50°C
Operation:	-2°C to 60°C
Nominal Diameter:	0.320 in.
Maximum Installing Tension:	40.8 lbf
Minimum Bending Radius:	1.250 inch
Nominal Cable Weight:	64 lb/1000 feet

Standards

ANSI/TIA/EIA 568C.2 Category 6A
National Electric Code – Article 800
11801:2002 Category 6A

Codes & Listings

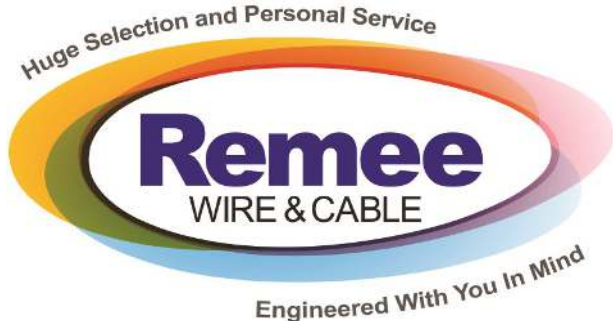
- CMP Rating FT6
- C(ETL)US CMP



Issue Date: 04/17
Revision: 4

This product is RoHS compliant to directive 2002/95/EC .

1751 State RTE. 17A STE #1 Florida, NY 10921
Customer Service: 800-431-3864 Fax: 845-651-4160 Website: www.remeë.com



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Electrical Characteristics:

Frequency MHz	Return Loss (dB/100m) Minimum	Insertion Loss (dB/100m) Maximum	NEXT (dB/100m) Minimum	PS-NEXT (dB/100m) Minimum	ACRF (dB/100m) Minimum	PS-ACRF (dB/100m) Minimum	Prop. Delay (dB/100m) Maximum	Alien Crosstalk	
								PS ANEXT (dB/100m) Minimum	PS AACRF (dB/100m) Minimum
1	20.0	2.0	74.3	72.3	67.8	64.8	570.0	67.0	67.0
4	23.0	3.8	65.3	63.3	52.8	52.8	552.0	67.0	66.2
8	24.5	5.3	60.8	58.8	46.7	46.7	546.7	67.0	60.1
10	25.0	5.9	59.3	57.3	44.8	44.8	545.4	67.0	58.2
16	25.0	7.4	56.2	54.2	40.7	40.7	543.0	67.0	54.1
20	25.0	8.3	54.8	52.8	38.8	38.8	542.0	67.0	52.2
25	24.3	9.3	53.3	51.3	36.8	36.8	541.2	67.0	50.2
31.25	23.6	10.5	51.9	49.9	34.9	34.9	540.4	67.0	48.3
62.5	21.5	14.9	57.4	45.4	28.9	28.9	538.6	65.6	42.3
100	20.1	19.1	44.3	42.3	24.8	24.8	537.6	62.5	38.2
155	18.8	24.0	41.4	39.4	21.0	21.0	536.9	59.6	34.4
200	18.0	27.5	39.8	37.8	18.8	18.8	536.5	58.0	32.2
250	17.3	31.0	38.3	36.3	16.8	16.8	536.3	56.5	30.2
300	16.8	34.2	37.1	35.1	15.3	15.3	536.1	55.3	28.7
350	16.3	37.2	36.1	34.1	13.9	13.9	535.9	54.3	27.3
400	15.9	40.0	35.3	33.3	12.8	12.8	535.8	53.5	26.2
500	15.2	45.2	33.8	31.8	10.8	10.8	535.6	52.0	24.2

Preparation For Shipment

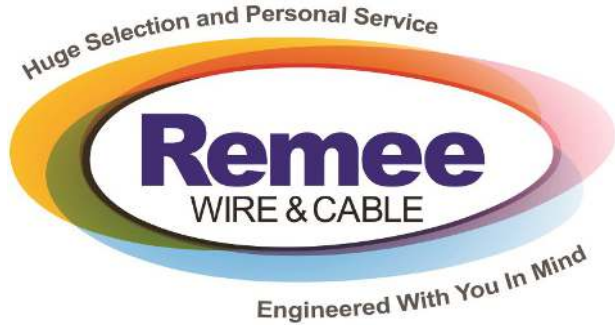
The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.



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Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: _____
Company: _____
Date: _____



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