

Issue Date: 04/04/2016 Revision #: 2

engineered with you in mind

Part No.: 6UA234STP

6UA234STP

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 (Overall)

No. 23 AWG copper conductor insulated with polyethylene. 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 shielded and jacketed with a flame retardant PVC.

Electricals

Mutual Capacitance: 14 pF/ft nominal

Capacitance Unbalance: 330 pF/ft maximum

Velocity of Propagation: 70%

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 $100 \pm 15\%$ from 101 - 200 MHz $100 \pm 22\%$ from 201 - 500 MHz $100 \pm 32\%$

Color Code:

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

Technical Details

Temperature Rating

Installation: -0°C to 50°C Operation: -20°C to 60°C Nominal Diameter: 0.305 in.

Maximum Installing Tension: 25 lbf Minimum Bending Radius: 2.0 inch Nominal Cable Weight: 50 lb/1000 feet

Standards

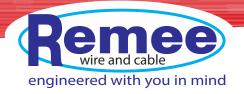
ANSI/TIA/EIA 568C.2 Category 6A National Electric Code %u2013 Article 800 11801:2002 Category 6A

Preparation for Shipment

CMR Rating FT4 C(ETL)US CMR

Warranty Info

All warranty information can be viewed at www.remee.com. This product is RoHS compliant and is directive 2002/95/EC. It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.



Electrical Characteristics:

Frequency MHz		Insertion Loss (dB/100m) Maximum		PS-NEXT (dB/100m) Minimum		PS-ACRF (dB/100m) Minimum	Delay	Alien Crosstalk	
								PS ANEXT	PS AACRF (dB/100m) Minimum
								(dB/100m) Minimum	
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