![Remee Wire & Cable logo — Huge Selection and Personal Service / Engineered With You In Mind]

Category 5e Siamese 350 MHz Non-Plenum

ETL verified for guaranteed performance
Made in the USA

Part No.: 5AE244UTP/350DUAL

Applications

Supports all category 5 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM, Wideband, and Ethernet 1000BASE-T

Jacket
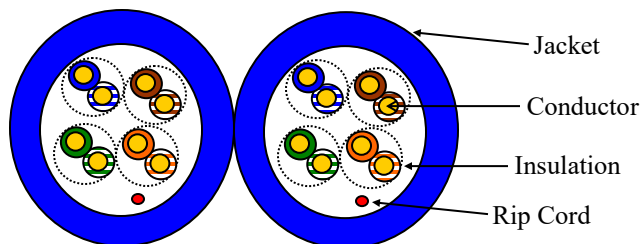Conductor
Insulation
Rip Cord

Construction Details:

No.24 AWG solid bare copper conductor insulated with polyethylene. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled to form a core. Two cores are pulled parallel in a siamese construction with a flame retardant PVC jacket.

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:	-10°C to 60°C
Nominal Diameter:		Minor: 0.185 in. Major: 0.395 in.
Nominal Cable Weight:		50 lbs/1,000 feet

Electrical Parameters:

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: 45.0 ns/100m

Characteristic Impedance: from 0.772 - 100 MHz 100 ± 15%

from   101 - 250 MHz 100 ± 22%

from   251 - 350 MHz 100 ± 32%

Standards

- ANSI/TIA/EIA 568C.2 Category 5e
- ISO/IEC 11801 Category 5e
- National Electric Code – Article 800

Codes & Listings

- CMR Rating FT4
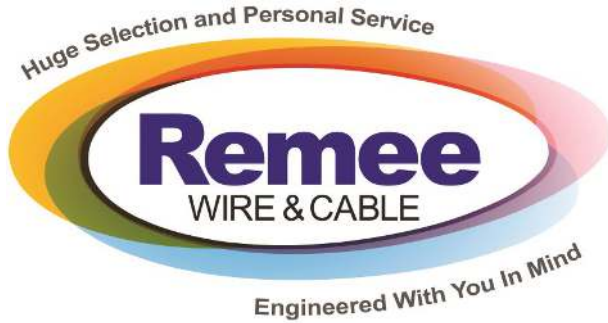- ETL Electrically Verified to ANSI/TIA/EIA 568C.2 Category 5e
- C(ETL)US CMR

MADE IN THE USA

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

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Electrical Characteristics:

Frequency	SRL	Return Loss	Attenuation	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	ACR	PS-ACR
	dB	dB	dB(100m)	dB	dB	dB	dB	dB	dB
MHz	Minimum	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum
1	23.0	20.0	2.0	65.3	62.3	63.8	60.8	63.3	60.3
4	23.0	20.3	4.0	56.3	53.3	51.7	48.7	52.3	49.3
8	23.0	20.5	5.7	51.8	48.8	45.7	42.7	46.1	43.1
10	23.0	25.0	6.4	50.3	47.3	43.8	40.8	43.9	40.4
16	23.0	25.0	8.2	47.3	44.3	39.7	36.7	39.1	36.1
20	23.0	25.0	9.2	45.8	42.8	37.7	34.7	36.6	33.6
25	22.0	25.0	10.4	44.3	41.3	35.8	32.8	33.9	30.9
31.25	21.1	23.6	11.7	42.9	39.9	33.9	30.9	31.2	28.2
62.5	18.1	21.5	16.9	38.4	35.4	27.8	24.8	21.5	18.5
100	16.0	20.1	21.9	35.3	32.3	23.8	20.8	13.4	10.4
250	12.0	17.3	36.8	34.3	32.3	15.8	12.8	- - - -	- - - -
300	11.2	16.8	40.9	33.2	31.2	14.2	11.2	- - - -	- - - -
350	10.6	16.3	44.8	32.2	30.2	12.9	9.9	- - - -	- - - -

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.

Note: While Remee Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remee Products Corp. does not guarantee that it is error-free, nor does Remee Products Corp. make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. Remee Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remee Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

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: _____

Issue Date: 06/15
Revision: 4

MADE IN THE USA

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