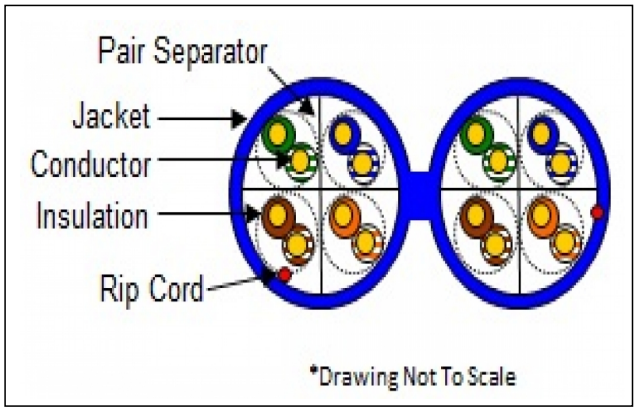
Part No.: 6B234UTPDUAL

Category 6 Dual Plenum

ETL listed for guaranteed performance
Made in the USA



Applications

Supports all category 6 applications including Ethernet 100BASE -TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications with anticipated data rates to 3.2 Gbps.

Construction Details

No. 23AWG solid bare copper conductor insulated with FEP. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled to form a core. The core is jacketed with a low smoke, flame retardant PVC in a siamese construction.

Electricals

Mutual Capacitance: 14 pF/ft nominal
Capacitance Unbalance: 330 pF/100m maximum
Velocity of Propagation: 72%
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 ohm 15% from 101 - 250 MHz 100 ohm 22%

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: 0.230 in.
Major: 0.485 in.
Nominal Cable Weight: 96 lbs/1,000 feet

Standards

ANSI/TIA/EIA 568C.2 Category 6
National Electric Code ? Article 800

Codes & Listings

CMP Rating FT6
ETL Electrically Verified to ANSI/TIA/EIA 568C.2 Category 6
C(ETL)US CMP

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.

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.

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Remee
wire and cable
engineered with you in mind

Electrical Characteristics:

Frequency	Return Loss	Attenuation	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	ACR	PS-ACR
	dB	dB(100m)	dB	dB	dB	dB	dB	dB
MHz	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum
1	20.0	2.0	80.3	78.3	73.8	70.8	78.3	76.3
4	23.0	3.8	71.3	69.3	61.8	58.8	67.5	65.5
10	25.0	6.0	65.3	63.3	53.8	50.8	59.3	57.3
16	25.0	7.6	62.2	60.2	49.7	46.7	54.6	52.6
20	25.0	8.5	60.8	58.8	47.8	44.8	52.3	50.3
31.25	23.6	10.7	57.9	55.9	43.9	40.9	47.2	45.2
62.5	21.5	15.4	53.4	51.4	37.9	34.9	38.0	36.0
100	20.1	19.8	50.3	48.3	33.8	30.8	30.5	28.5
200	18.0	29.0	45.8	43.8	27.8	24.8	16.8	14.9
250	17.3	32.8	44.3	42.3	25.8	22.8	11.5	9.5
300	16.8	36.4	43.1	41.1	24.3	21.3	- - - -	- - - -
350	16.3	39.8	42.1	40.1	22.9	19.9	- - - -	- - - -
400	15.9	43.0	41.3	39.3	21.8	18.8	- - - -	- - - -
500	14.8	49.5	40.2	38.2	20.0	17.0	- - - -	- - - -
550	14.4	53.1	39.5	37.5	18.9	15.9	- - - -	- - - -

*Values above 250 MHz are for engineering information only

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