

Category 6 Shielded F/UTP 250 MHz Outdoor (Wet Location)

Made in the USA

Spec Part No.: CT6SOSP

Applications

Supports all category 6 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM, Wideband, Ethernet 1000BASE-T and emerging applications with anticipated data rates to 3.2 Gbps.

Construction Details:

No. 23 AWG solid bare 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 wrapped with a mylar tape and an overall aluminum/mylar shield. A 24AWG solid tin copper drain is pulled in and the core jacketed with black UV-resistant polyethylene. Suitable for outdoor use.

Surface Print:

STREAMline™ by REMEE CAT6 4PR F/UTP 23AWG
SUITABLE FOR OUTDOOR USE DIRECT BURIAL WET
LOCATION MM/YY (LOT #) MADE IN USA SEQ FT

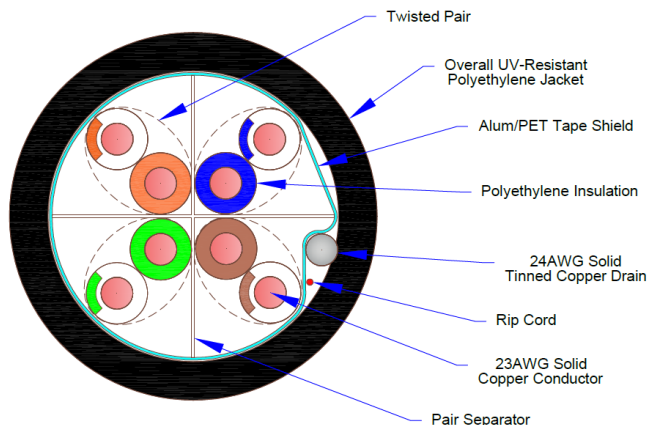
Insulation Color Code:

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

Jacket Colors: - See Table, Page 3

Electrical Parameters:

Suggested Working Voltage:	300 Volts, rms.
Mutual Capacitance:	14 pF/ft nominal
Capacitance Unbalance:	330 pF/100m 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 100 - 250 MHz 100 ± 22%
	from 251 - 550 MHz 100 ± 32%



Technical Details

Temperature Rating

Installation: -40°C to 60°C

Operation: -40°C to 75°C

Nominal Diameter: 0.305 in.

Maximum Installing Tension: 25 lbf

Minimum Bending Radius: 2.45 in.

Nominal Cable Weight: 49 lbs/1,000 feet

Standards

- Electricals to ANSI/TIA/EIA 568.2-D Category 6

Codes & Listings

- Non-Listed

Product Part Number

6DB234STPENH



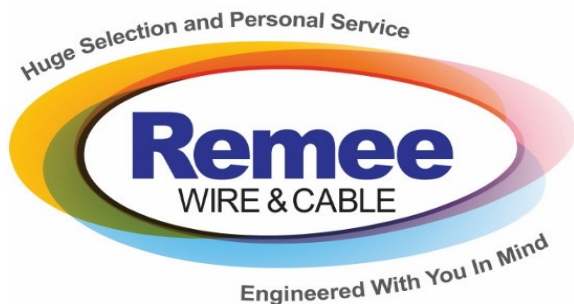
MADE IN THE USA

Issue Date: 05/25
Revision: 10

All warranty information can be viewed at WWW.REMEE.COM.

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.remee.com



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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

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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Specific Part Number Information for Length, Put-Up & Jacket Color:

Available Length's and Put-Up's — **M1 for 1,000' reel; B2 for 2,000' reel; B3 for 2,500' reel; B5 for 5,000' reel**

Available Stock Jacket Color — **B for Black; (Other Colors Available with Minimum Order Quantities)**

The 3-place designator is placed at the end of the part number to describe specific packaging, length and jacket color.

Note: While Remee Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document. 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: _____



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