

# Paired Unshielded, Riser Rated Waterblocked

ETL Listed for Guaranteed Performance  
Made in the USA

## PowerPipe™ - CMR / DB

### Applications:

This document establishes the specifications for copper pairs suitable for use in all Class 4 fault-managed power systems such as Pulse Power, Digital Electricity and other smart transfer systems.

### Construction Details:

Number of Conductors: See Table on Page 2  
 Conductor: Stranded Bare Copper  
 Insulation Material: PVC  
 Nominal Insulation Thickness: See Table on Page 2  
 Color Code: Pair #1 - Black paired with Red  
 Pair #2 - Black paired with White  
 Pair #3 - Black paired with Green  
 Pair #4 - Black paired with Blue  
 Pair #5 - Black paired with Yellow  
 Pair #6 - Black paired with Brown  
 Pair #7 - Black paired with Orange  
 Pair #8 - Red paired with White

Tape: Waterblocking Tape (Fibrous tape with super-absorbing microbeads)

Jacket Material and Color: PVC; Black  
 Nominal Jacket Thickness: 0.030 in.  
 Nominal Diameter: See Table on Page 2  
 Surface Print: ACTIVATE™ by REMEE  
 PowerPipe™ XXGA CMR #XXPDB C(ETL)US  
 ROHS MADE IN USA..SUITABLE FOR DIRECT  
 BURIAL (DATE OF MFG) (LOT NUMBER) +  
 Sequential Footage Marking

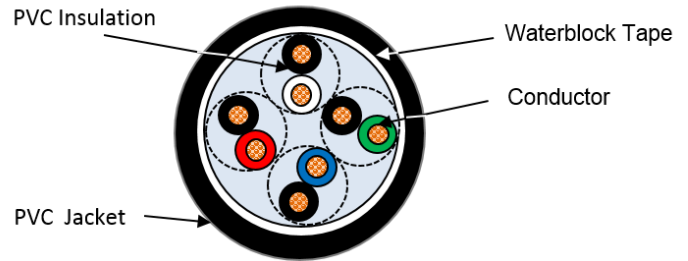
Where XX and XX indicate size and number of conductors.

Issue Date: 6/22  
 Revision: 4

All warranty information can be viewed at [WWW.REMEE.COM](http://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](http://www.remee.com)



Representative Drawing

### Electricals:

Maximum Operating Voltage: 300 Volts, rms.  
 Nominal Mutual Capacitance: 35.0 pF/ft. @ 1 kHz  
 Upper Limit Capacitance: 40.0 pF/ft. @ 1 kHz  
 Nominal D.C.R.: 18AWG: 4.71Ω / 1,000 feet @ 20°C  
 16AWG: 3.74Ω / 1,000 feet @ 20°C  
 14AWG: 2.38Ω / 1,000 feet @ 20°C

### Technical Details:

Temperature Rating

Operation: -20°C to +60°C

Nominal Weight:

See Table on Page 2

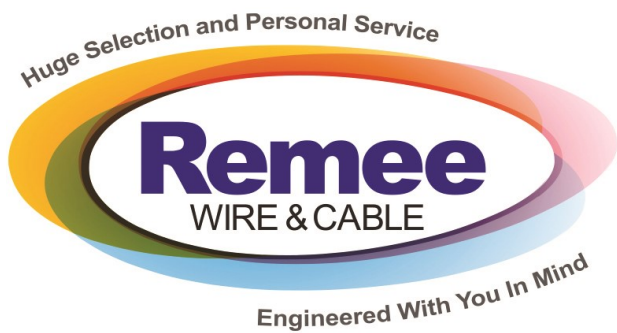
### Standards:

- National Electric Code - Article 800
- UL Subject 444, Type CMR

### Codes & Listings:

- C(ETL)US CMR





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## Part No.: PowerPipe™ - CMR / DB

Part Number	Construction	# of Cond.	Insul. Wall	Jkt. Wall	Dia (in)	Weight (lb/Mft)
2P18PVCWBTM1B	2PR 18 AWG	4	0.012	0.030	0.271	42
4P18PVCWBTM1B	4PR 18 AWG	8	0.012	0.030	0.352	72
6P18PVCWBTM1B	6PR 18 AWG	12	0.012	0.030	0.410	97
8P18PVCWBTM1B	8PR 18 AWG	16	0.012	0.030	0.476	130
2P16PVCWBTM1B	2PR 16 AWG	4	0.016	0.030	0.312	62
3P16PVCWBTM1B	3PR 16 AWG	6	0.016	0.030	0.347	77
4P16PVCWBTM1B	4PR 16 AWG	8	0.016	0.030	0.405	106
6P16PVCWBTM1B	6PR 16 AWG	12	0.016	0.030	0.484	150
8P16PVCWBTM1B	8PR 16 AWG	16	0.016	0.030	0.560	197
2P14PVCWBTM1B	2PR 14 AWG	4	0.016	0.030	0.367	85
3P14PVCWBTM1B	3PR 14 AWG	6	0.016	0.030	0.413	110
4P14PVCWBTM1B	4PR 14 AWG	8	0.016	0.030	0.476	145
6P14PVCWBTM1B	6PR 14 AWG	12	0.016	0.030	0.559	198
8P14PVCWBTM1B	8PR 14 AWG	16	0.016	0.030	0.641	265



MADE IN THE USA

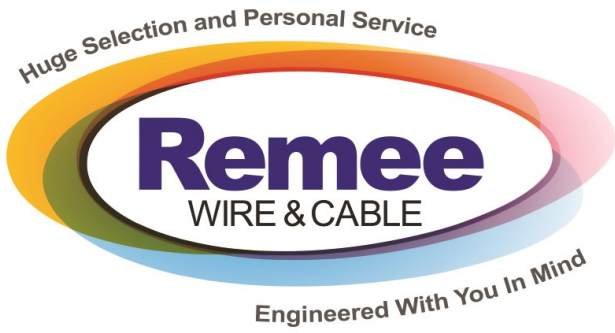


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### Preparation for Shipment:

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 Remeewire Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeewire Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeewire 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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