

# Paired Unshielded Riser Rated CL4R

ETL Listed for Guaranteed Performance  
Made in the USA

## PowerPipe™ - CL4R

### 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.

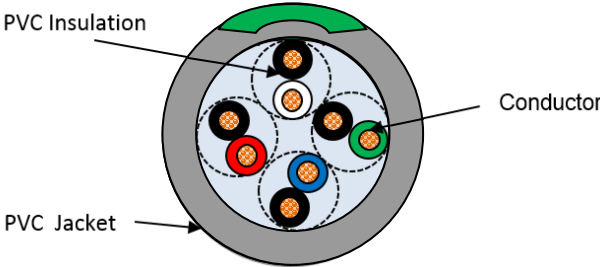
### Construction Details:

Number of Conductors: See Table on Page 2  
 Conductor: Stranded Bare Copper  
 Insulation Material: Remguard™ LS-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  
 Jacket Material and Color: PVC; Gray, with Green Stripe  
 Nominal Jacket Thickness: See Table on Page 2  
 Nominal Diameter: See Table on Page 2  
 Surface Print: ACTIVATE™ by REMEE PowerPipe™ YYGA  
 CMR-FMP XXA #ZZP 75C FT4 CL4R C(ETL)US ROHS  
 MADE IN USA (DATE OF MFG) (LOT NUMBER) +  
 Sequential Footage Marking

Where XX indicates Amps/Cdr.; YY indicates size; ZZ indicates # of pairs

### Technical Details:

Temperature Rating	
Operation:	-20°C to +75°C
Nominal Weight:	See Table on Page 2



Representative Drawing

### Electricals:

Maximum Operating Voltage: 450V, rms \*  
 Nominal Mutual Capacitance: 35.0 pF/ft. @ 1 kHz  
 Upper Limit Capacitance: 40.0 pF/ft. @ 1 kHz  
 Nominal Inductance: 133 nH/ft.  
 Nominal D.C.R.:  
     18AWG: 6.20Ω / 1,000 feet @ 20°C  
     16AWG: 3.74Ω / 1,000 feet @ 20°C  
     14AWG: 2.38Ω / 1,000 feet @ 20°C  
 Max Recommended Current/Conductor: See Table on Page 2

### Standards:

- National Electric Code - Article 800
- UL Subject 444, Type CMR FT4
- UL Subject 1400-2, Type CL4R \*

### Codes & Listings:

- C(ETL)US CMR FT4
- C(ETL)US CL4R \*
- \* Pending CL4R Results

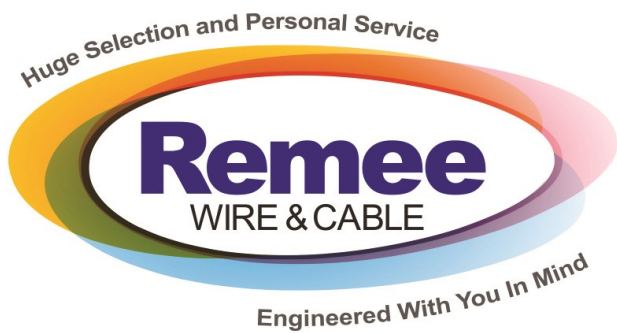


Issue Date: 01/24  
Revision: 17

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)



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Part Number	Construction	# of Cond.	Insulation Wall, Nom.	Jacket Wall, Nom.	Diameter (in.), Nom.	Weight (lb/Mft), Nom.	Max Current per Cdr. (Amps)*
DE1P18VVM1GE	1PR 18 AWG	2	0.015	0.015	0.182	21	7.50
DE2P18VVM1GE	2PR 18 AWG	4	0.015	0.015	0.334	41	6.40
DE3P18VVM1GE	3PR 18 AWG	6	0.015	0.015	0.357	57	6.40
DE4P18VVM1GE	4PR 18 AWG	8	0.015	0.020	0.406	78	5.60
DE6P18VVM1GE	6PR 18 AWG	12	0.015	0.020	0.496	113	4.00
DE8P18VVM1GE	8PR 18 AWG	16	0.015	0.020	0.543	146	4.00
DE1P16VVM1GE	1PR 16 AWG	2	0.015	0.015	0.206	27	10.50
DE2P16VVM1GE	2PR 16 AWG	4	0.015	0.020	0.392	59	8.75
DE3P16VVM1GE	3PR 16 AWG	6	0.015	0.020	0.418	81	8.75
DE4P16VVM1GE	4PR 16 AWG	8	0.015	0.020	0.464	104	7.50
DE6P16VVM1GE	6PR 16 AWG	12	0.015	0.020	0.568	151	5.50
DE8P16VVM1GE	8PR 16 AWG	16	0.015	0.020	0.623	195	5.50
DE1P14VVM1GE	1PR 14 AWG	2	0.015	0.015	0.236	42	14.00
DE2P14VVM1GE	2PR 14 AWG	4	0.015	0.020	0.552	88	11.00
DE3P14VVM1GE	3PR 14 AWG	6	0.015	0.020	0.483	124	11.00
DE4P14VVM1GE	4PR 14 AWG	8	0.015	0.020	0.536	161	9.70
DE6P14VVM1GE	6PR 14 AWG	12	0.015	0.020	0.658	235	7.00
DE8P14VVM1GE	8PR 14 AWG	16	0.015	0.020	0.722	307	7.00

\*Ampacity derived from NEC Table 310.16, with adjustments for: 75C rating; number of conductors; with ambient temperature of 25C



MADE IN THE USA

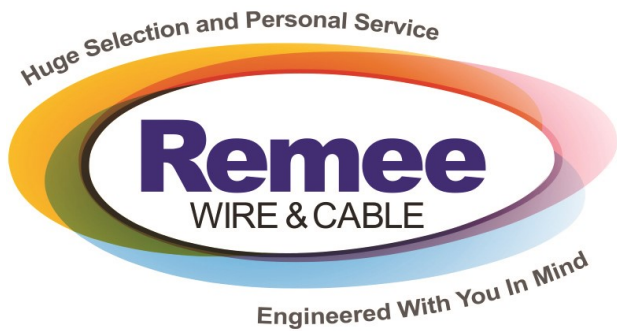


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### Preparation for Shipment:

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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