

Paired Unshielded OSP CL4Z/CL4P

ETL Listed for Guaranteed Performance
Made in the USA

PowerPipe™ - OSP / DB / SR / NS

Applications:

This document establishes the specifications for copper pairs (1-pair through 8-pairs) suitable for use in all Class 4 fault-managed power systems such as Pulse Power, Digital Electricity and other smart transfer systems. Features include Sunlight Resistance, Direct Burial, and use in both Wet and Dry Locations. Suitable for use in plenum spaces.

Construction Details:

Number of Conductors:	See Table on Page 2
Conductor:	Stranded Tinned Copper
Insulation Material:	Fluoropolymer
Nominal Insulation Thickness:	See Table on Page 2
Color Code:	
Pair #1 - Black with Red	Pair #2 - Black with White
Pair #3 - Black with Green	Pair #4 - Black with Blue
Pair #5 - Black with Yellow	Pair #6 - Black with Brown
Pair #7 - Black with Orange	Pair #8 - Red with White
Pair #9 - Red with Green	Pair #10 - Red with Blue
Pair #11 - Red with Yellow	Pair #12 - Red with Brown
Rip Cord:	Applied under outer jacket
Jacket Material:	Fluoropolymer
Jacket Color:	Black
Nominal Jacket Thickness:	See Table on Page 2
Nominal Diameter:	See Table on Page 2
Surface Print: ACTIVATE™ by REMEE PowerPipe™ YYAWG CL4Z/CL4P-FMP 3.75A (**) XXP 150C WET DIR BUR SUN RES C(ETL)US ROHS MADE IN USA MM/YY (LOT #) SEQ FT	

Where: ** "-FMP 3.75A" shown on 18AWG products only, no "-FMP Amperage" shown with 16AWG, 14AWG or 12AWG products; XX indicates # of pairs; YY indicates size

Standards:

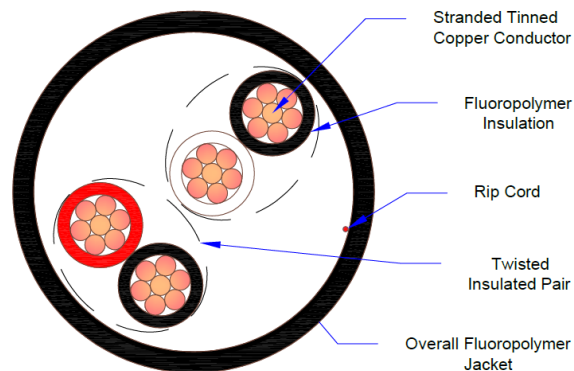
- National Electric Code - Articles 722 and 726
- UL 1400-2
- NFPA-262 Smoke and Flame

Issue Date: 08/25
Revision: 16

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



Representative Drawing

Technical Details:

Temperature Rating

Operation: -40°C to +150°C

Nominal Weight:

See Table on Page 2

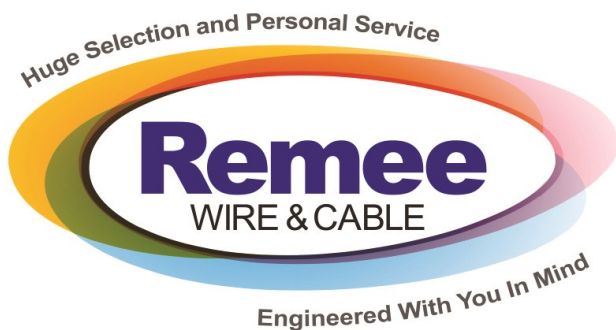
Electricals:

Maximum Operating Voltage:	450 Volts, rms.
Nominal C - C Capacitance:	18AWG: 12.9 pF/ft. @ 1 kHz
	16AWG: 14.3 pF/ft. @ 1 kHz
	14AWG: 15.9 pF/ft. @ 1 kHz
	12AWG: 16.2 pF/ft. @ 1 kHz
Upper Limit Capacitance, All Sizes:	40.0 pF/ft. @ 1 kHz
Nominal D.C.R.:	18AWG: 6.62Ω / 1,000 feet @ 20°C
	16AWG: 4.15Ω / 1,000 feet @ 20°C
	14AWG: 2.56Ω / 1,000 feet @ 20°C
	12AWG: 1.80Ω / 1,000 feet @ 20°C
Nominal Inductance:	134 nH/ft.
Max. Current/Conductor:	See Table on Page 2

Codes & Listings:

- CL4Z/CL4P





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Part Number	Construction	Number of Conductors	Insulation Wall (in.)	Jacket Wall (in.)	Max. Diameter (in.)	Weight (lb/Mft)	Max. Current per Conductor (Amps) (1) (2)
DE1P18OSPB2B	1PR 18 AWG	2	0.015	0.020	0.192	25	14
DE2P18OSPB2B	2PR 18 AWG	4	0.015	0.020	0.228	44	11
DE3P18OSPB2B	3PR 18 AWG	6	0.015	0.020	0.380	70	11
DE4P18OSPB2B	4PR 18 AWG	8	0.015	0.020	0.378	89	10
DE6P18OSPB2B	6PR 18 AWG	12	0.015	0.020	0.472	127	7
DE8P18OSPB2B	8PR 18 AWG	16	0.015	0.020	0.536	163	7
DE1P16OSPB2B	1PR 16 AWG	2	0.015	0.020	0.216	33	18
DE2P16OSPB2B	2PR 16 AWG	4	0.015	0.020	0.257	58	14
DE3P16OSPB2B	3PR 16 AWG	6	0.015	0.020	0.421	92	14
DE4P16OSPB2B	4PR 16 AWG	8	0.015	0.020	0.448	117	13
DE6P16OSPB2B	6PR 16 AWG	12	0.015	0.020	0.552	169	9
DE8P16OSPB2B	8PR 16 AWG	16	0.015	0.020	0.654	218	9
DE1P14OSPB2B	1PR 14 AWG	2	0.015	0.020	0.246	47	34
DE2P14OSPB2B	2PR 14 AWG	4	0.015	0.020	0.289	86	27
DE3P14OSPB2B	3PR 14 AWG	6	0.015	0.020	0.461	134	27
DE4P14OSPB2B	4PR 14 AWG	8	0.015	0.020	0.542	172	24
DE6P14OSPB2B	6PR 14 AWG	12	0.015	0.020	0.637	251	17
DE8P14OSPB2B	8PR 14 AWG	16	0.015	0.032	0.746	327	17
DE1P12OSPB2B	1PR 12 AWG	2	0.018	0.020	0.295	67	43
DE2P12OSPB2B	2PR 12 AWG	4	0.018	0.020	0.550	132	34
DE3P12OSPB2B	3PR 12 AWG	6	0.018	0.032	.0612	205	34
DE4P12OSPB2B	4PR 12 AWG	8	0.018	0.032	0.679	263	30
DE6P12OSPB2B	6PR 12 AWG	12	0.018	0.032	.0829	381	22
DE8P12OSPB2B	8PR 12 AWG	16	0.018	0.032	0.908	494	22

- (1) Ampacity from NEC Table 310.16 at 90C for AWG 16 - 18
(2) Ampacity from NEC Table 310.18 at 150C for AWG 12 - 14



MADE IN THE USA

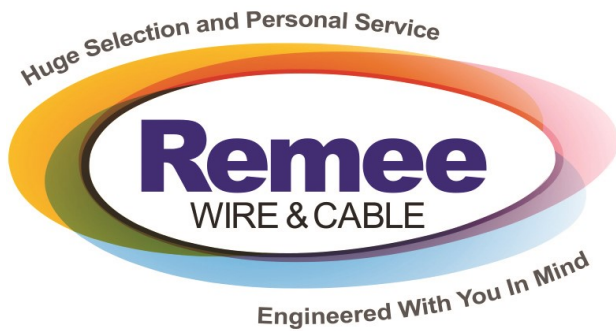


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Specific Part Number Information for Length, Put-Up & Jacket Color:

Available Length Designations — **M** for 1000 feet, and **L** for 500 feet

Available Put-Up's — **1** for Reel

Available Jacket Color — **B** for Black

These 3-place designators are placed at the end of the part number to describe the individual packaging and length.

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. 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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