

# OSDP or Weigand Access Control Composite Cable Plenum

ETL listed for guaranteed performance  
Made in the USA

Part No.: 726931M1Y

## Applications:

This document establishes the specifications for a plenum-rated composite cable with individual and overall jacket for communication applications.

## Component 1 (Reader) Construction Details:

Number of Conductors: 2/C 18AWG + 2P 22AWG (twisted)  
 Conductors: 18AWG Stranded Bare Copper / 22AWG Stranded Bare Copper  
 Insulation/Wall: 18AWG Remguard Plenum Polymer, 0.015 in. , (Blk & Red)  
 22AWG Foam FEP, 0.021 in. , (White & Green), (Blue & Yellow)  
 Overall Shield: Aluminum/Polyester, 100% Coverage  
 Overall Drain Wire: 24AWG Stranded Tin Copper  
 22AWG Pair Electricals: 120Ω Impedance, Nom.; 12.5 pF/ft C-C Capacitance,  
 Nom.; 15.5Ω/Mft @ 20°C, DC Resistance, Nom.  
 Jacket Material/Wall: Remguard Plenum Polymer, 0.015 in.  
 Jacket Color: Orange  
 Rip Cord: Nylon  
 Nominal Diameter: 0.300 in.  
 Surface Print: OSDP OR WEIGAND READER CABLE 2/C 18AWG + 2/P  
 22AWG SHIELDED 75C CL2P OR CMP C(ETL)US -- A B C D E  
 0 1 2 3 4 5 6 7 8 9

## Component 2 (Contacts) Construction Details:

Number of Conductors: 4/C  
 Conductor: 22AWG Stranded Bare Copper.  
 Insulation Material/Wall: Remguard Plenum Polymer, 0.007 in.  
 Insulation Color Code: Black, Red, White, Green  
 Electricals: 32 pF/ft C-C Capacitance, Nom.; 15.5Ω/Mft @ 20°C, DC  
 Resistance, Nom.  
 Jacket Material/Wall: Remguard Plenum Polymer, 0.015 in  
 Jacket Color: White  
 Rip Cord: Nylon  
 Nominal Diameter: 0.136 in.  
 Surface Print: CONTACTS 4/22AWG 75C CL2P OR CMP C(ETL)US — A B C  
 D E 0 1 2 3 4 5 6 7 8 9

## Comp. 3 (Rex/Motion) Construction Details:

Number of Conductors: 4/C  
 Conductor: 22AWG Stranded Bare Copper.  
 Insulation Material/Wall: Remguard Plenum Polymer, 0.007 in.  
 Insulation Color Code: Black, Red, White, Green  
 Electricals: 32 pF/ft C-C Capacitance, Nom.; 15.5Ω/Mft @ 20°C, DC  
 Resistance, Nom.  
 Jacket Material/Wall: Remguard Plenum Polymer, 0.015 in.  
 Jacket Color: Blue  
 Rip Cord: Nylon  
 Nominal Diameter: 0.136 in.  
 Surface Print: REX/MOTION 4/22AWG 75C CL2P OR CMP C(ETL)US — A B  
 C D E 0 1 2 3 4 5 6 7 8 9

## Comp. 4 (Lock Power) Construction Details:

Number of Conductors: 2/C  
 Conductor: 16AWG Stranded Bare Copper.  
 Insulation Material/Wall: Remguard Plenum Polymer.0.009 in.  
 Insulation Color Code: Black, Red  
 Electricals: 35 pF/ft C-C Capacitance, Nom.; 3.5Ω/Mft @ 20°C, DC  
 Resistance, Nom.  
 Jacket Material/Wall: Remguard Plenum Polymer, 0.015 in.  
 Jacket Color: Gray  
 Rip Cord: Nylon  
 Nominal Diameter: 0.182 in.  
 Surface Print: LOCK POWER 2/16AWG 75C CL2P OR CMP C(ETL)US  
 — A B C D E 0 1 2 3 4 5 6 7 8 9

## Overall Construction Details:

Construction: Four components are cabled together and overall jacketed  
 Jacket Material/Wall: Remguard Plenum Polymer. 0.025 in.  
 Jacket Color: Yellow  
 Nominal Diameter: 0.532 in.  
 Surface Print: VIGILANCE™ by REMEE OSDP OR WEIGAND ACCESS  
 CONTROL CABLE 2P/22AWG + 2/18AWG OAS (CARD  
 READER) 4/22AWG (CONTACTS) 4/22AWG (REX)  
 2/16AWG (LOCK) 75C CL2P OR CMP C(ETL)US RS-485  
 MADE IN USA SEQ FT

## Electricals:

Suggested Working Voltage: 300 Volts, rms.

## Technical Details:

Temperature Rating	Operation:	-2°C to 75°C
Nominal Weight:	145 lbs. / 1,000 feet	

## Codes & Listings:

- NEC Article 800
- UL Subject 444, Type CMP
- C(ETL)US

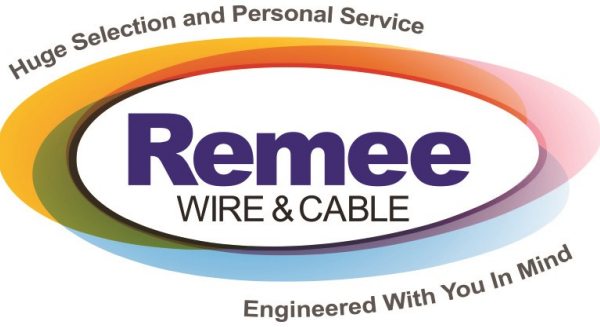


Issue Date: 09/24  
Revision: 0

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

This product is RoHS compliant to directive 2002/95/EC .

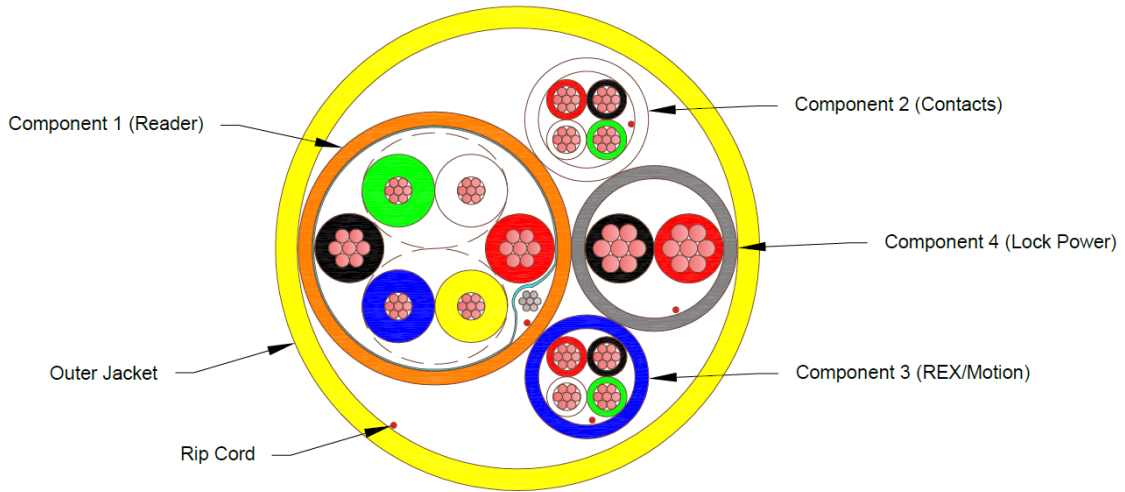
1751 State RTE. 17A STE #1 Florida, NY 10921  
 Customer Service: 800-431-3864 Fax: 845-651-4160 Website: [www.remee.com](http://www.remee.com)



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### 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.

### 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 — Y for Yellow, (Other Colors Available upon request with Minimum Order Quantities)

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

**Note:** While Remeë Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document. Remeë Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeë 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. The Remeë Wire & Cable warranty is an integral part of this specification. This item may be non-cancelable and non-returnable.

Signature: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Date: \_\_\_\_\_



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