

## OSDP Access Control

OSDP COMPOSITE CABLE - Four Cable Component Assemblies 60°C , 300V Plenum Rated

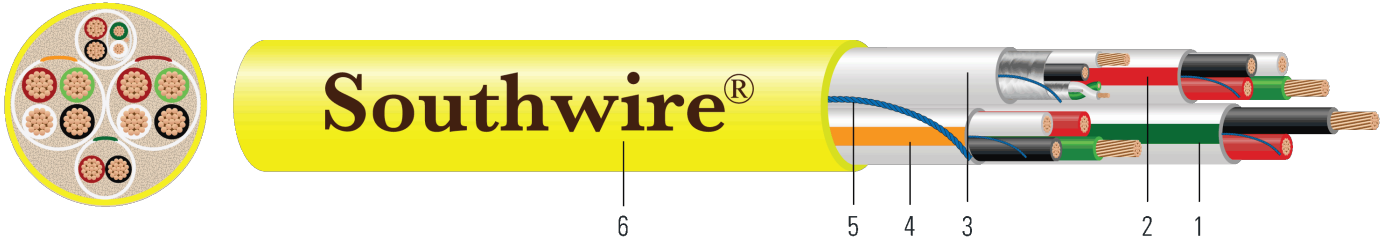


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Door:** Number of Conductors: 4/C 22AWG Stranded Bare Copper.
  - \* Conductor Insulation: Plenum Polymer. Color Code: Black, Red, White, Green
  - \* Jacket: Plenum Polymer. Color: White/Red Stripe.
  - \* Rip Cord: Nylon
  - \* Nominal Diameter: 0.116 inch
2. **REX/Spare:** Number of Conductors: 2/C 22AWG Stranded Bare Copper.
  - \* Conductor Insulation: Plenum Polymer. Color Code: Black, Red
  - \* Jacket: Plenum Polymer. Color: White/Green Stripe.
  - \* Rip Cord: Nylon
  - \* Nominal Diameter: 0.133 inch
3. **OSDP:** Number of Conductors: 2/C 18AWG Stranded Bare Copper + 2/C 22AWG Tinned Copper Shielded
  - \* Insulation: Plenum Polymer on 18 AWG (Blk & Red) & Foam FEP on 22 AWG (Green & White). 22AWG 1pr shielded : Aluminum/Polyester, 24AWG Stranded Tin Copper
  - \* Jacket: Plenum Polymer. Color: White.
  - \* Low CAP Cable Electricals: 120 ohm Impedance; 12.5 pF/ft Capacitance
  - \* Rip Cord: Nylon
  - \* Nominal Diameter: 0.220 inch
4. **Lock Power:** Number of Conductors: 4/C 18AWG Stranded Bare
  - \* Insulation: Plenum Polymer Color Code: Black, Red, White, Green
  - \* Jacket: Plenum Polymer. Color: White/Orange Stripe.
  - \* Rip Cord: Nylon
  - \* Nominal Diameter: 0.174 inch
5. **Overall Construction** Four components are cabled together and overall jacketed
  - \* Jacket: Remguard Plenum Polymer, Color: Yellow
  - \* Jacket Thickness: 15 mils
  - \* Nominal Diameter: 0.414 inch

**Part Number :** H93001

### APPLICATIONS AND FEATURES:

Access control doors with four functions, typically device dependent. General purpose low voltage and power-limited systems' circuits to NEC Articles 725 and 800





- Voltage: 300 Volts
- Temperature: 75°C

**SPECIFICATIONS:**

- ASTM B3 Soft or Annealed Copper Wire
- UL 444 Communications Cables (90°C, 300V)
- Made in America: Compliant with both Buy American and Buy America Act (BAA) requirements per 49 U.S.C. § 5323(j) and the Federal Transit Administration Buy America requirements per 49 C.F.R. part 661

**SAMPLE PRINT LEGEND:**

SOUTHWIRE OSDP COMPOSITE CABLE CMP 6/18AWG 8/22AWG C(ETL)US RS-485

**Table 1 – Weights and Measurements**

Stock Code	Cond. Size (AWG)	Jacket Thickness mils	Jacket Thickness mm	Nominal OD Inch	Nominal OD mm	Nominal Weight Lbs/Mft	Nominal Weight kg/km
H93001	6 cable assy 18 AWG And 8 cable assy 22 AWG	15	0.381	0.417	10.592	92	136.9

