

OSDP Access Control

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

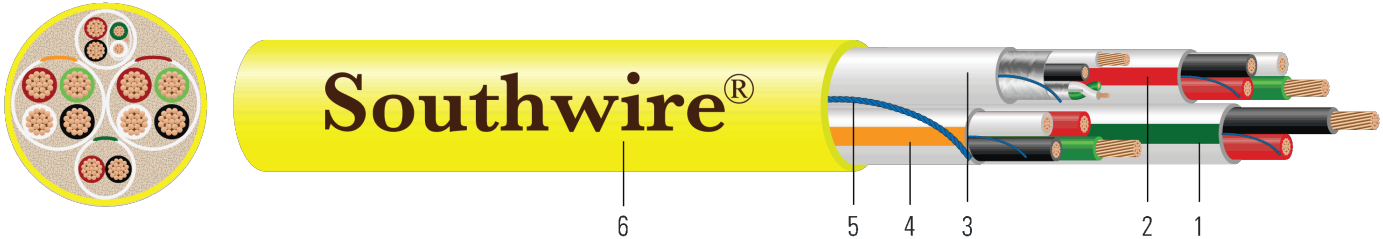


Image not to scale. See Table 1 for dimensions.

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

