Belden’s offering of OSDP Access Control Cables provide high levels of security, flexibility, convenience, and performance to connect security and access control systems. Remain TIA-485 compliant at maximum supported baud rates and cable distances.

- Enhanced security to protect data
- Simple and quick implementation
- Low maintenance and added functionality

**Key Features**

- Higher security levels against hacks and other threats
- Two-way communication
- Overall smaller cable with fewer conductors
- Advanced user interfaces
- Communication between different manufacturers
- Specification extendable to IP environments
### Part No. 6640FD
- **No of Cond.**: 1 Pair
- **Cond. Type**: 24AWG (7x32) TC 260ohms/1000ft
- **Insulation Type & Thickness**: Foam FEP .025"
- **Shielding**: Overall 100% Foil Shield
- **Jacket Type & Thickness**: Flex Plenum .015"
- **Nom. OD**: CMP
- **NEC Type**: 10.8 pf/ft 120 Ohms
- **Jacket Colors**: Orange

### Part No. 6381MD
- **No of Cond.**: 1 Pair
- **Cond. Type**: 24AWG (7x32) TC 260ohms/1000ft
- **Insulation Type & Thickness**: Foam FEP .025"
- **Shielding**: Overall 100% Foil Shield
- **Jacket Type & Thickness**: Flex Plenum .020"
- **Nom. OD**: 0.244
- **NEC Type**: CMP
- **Nom. Capacitance & Impedance**: 12.8 pf/ft 120 Ohms
- **Jacket Colors**: Orange

### Part No. 6281MD
- **No of Cond.**: 2 Cond
- **Cond. Type**: 18AWG (7x26) TC 6.20ohms/1000ft
- **Insulation Type & Thickness**: Foam FEP .010"
- **Shielding**: None
- **Jacket Type & Thickness**: Flex Plenum .020"
- **Nom. OD**: 0.28
- **NEC Type**: CMP
- **Nom. Capacitance & Impedance**: 13.5 pf/ft 120 Ohms
- **Jacket Colors**: Black

### Color Code
- **Data Pair**: Blue/White, White/Blue
- **Power Pair**: Red - Black

## OSDP Composite Cable - Banana Peel

### Part No. 658HMS
- **Element Type**: OSDP Reader
  - **No of Cond/pairs**: 1 Pair
  - **Cond Type**: 24AWG (7x32) TC
  - **Insulation Type and Thickness**: Foam FEP .025"
  - **Shielding**: Overall 100% Foil Shield
  - **Jacket Type & Thickness**: Flex Plenum .020"
  - **Nom. OD**: .244"
  - **NEC Type**: CMP
  - **Nom. Capacitance & Impedance**: 12.8 pf/ft 120 Ohms
  - **Jacket Colors**: Orange

- **Door Contact**: 2 Cond
  - **Cond Type**: 18AWG (7x26) TC
  - **Insulation Type and Thickness**: Plenum PVC .010"
  - **Shielding**: None
  - **Jacket Type & Thickness**: Flex Plenum .116"
  - **Nom. OD**: .34pf/ft
  - **NEC Type**: White

- **Lock Power**: 4 Cond
  - **Cond Type**: 18AWG (7x26) TC
  - **Insulation Type and Thickness**: Plenum PVC .008"
  - **Shielding**: None
  - **Jacket Type & Thickness**: Flex Plenum .182"
  - **Nom. OD**: .27pf/ft
  - **NEC Type**: Gray

- **REX/Spare**: 4 Cond
  - **Cond Type**: 22AWG (7x30) TC
  - **Insulation Type and Thickness**: Plenum PVC .008"
  - **Shielding**: None
  - **Jacket Type & Thickness**: Flex Plenum .136"
  - **Nom. OD**: .34pf/ft
  - **NEC Type**: Blue

### Overall Jacket:
- None - Banana Peel

### Overall Cable O.D.:
- .455"