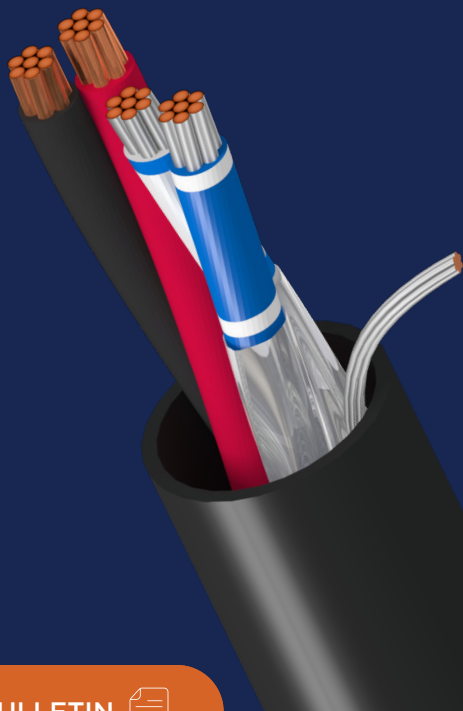




Belden OSDP Cables

The Future of Access Control



PRODUCT BULLETIN

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

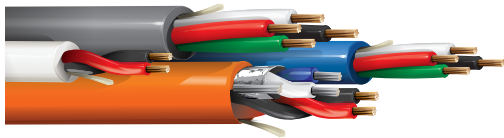
Key Features

- 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.	No of Cond.	Cond. Type	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom. OD	NEC Type	Nom. Capacitance & Impedance	Jacket Colors
			Inch		Inch	Inch			
6640FD	1 Pair	24AWG (7x32) TC 26Ohms/1000ft	Foam FEP .025"	Overall 100% Foil Shield	Flex Plenum .015"		CMP	10.8 pf/ft 120 Ohms	Orange
6381MD	1 Pair	24AWG (7x32) TC 26Ohms/1000ft	Foam FEP .025"	Overall 100% Foil Shield	Flex Plenum .020"	0.244	CMP	12.8 pf/ft 120 Ohms	Orange Black
	2 Cond	18AWG (7x26) TC 6.2Ohms/1000ft	Plenum PVC .010"	None					
6281MD	1 Pair	22AWG (7x30) TC 17Ohms/1000ft	Foam FEP .030"	Overall 100% Foil Shield	Flex Plenum .020"	0.28	CMP	13.5 pf/ft 120 Ohms	Black
	2 Cond	16AWG (19x29) TC 4.2Ohms/1000ft	Plenum PVC .008"	None					

Color Code

Data Pair	Power Pair
Blue/White, White/Blue	Red - Black



OSDP Composite Cable - Banana Peel

Part No.	Eement Type.	No of Cond/ pairs	Cond Type	Insulation Type and Thickness	Shielding	Jacket Type & Thickness	Nom. OD	NEC Type	Nom. Capacitance & Impedance	Jacket Colors
658HMS	OSDP Reader	1 Pair	24AWG (7x32) TC	Foam FEP .025"	Overall 100% Foil Shield	Flex Plenum .020"	.244"	CMP	12.8pf/ft 120 Ohms	Orange
		2 Cond	18AWG (7x26) TC	Plenum PVC .010"	None	Flex Plenum				
	Door Contact	2 Cond	22AWG (7x30) TC	Plenum PVC .008"	None	Flex Plenum	.116"		34pf/ft	White
	Lock power	4 Cond	18AWG (7x26) TC	Plenum PVC .008"	None	Flex Plenum	.182"		27pf/ft	Gray
	REX/ Spare	4 Cond	22AWG (7x30) TC	Plenum PVC .008"	None	Flex Plenum	.136"		34pf/ft	Blue

Overall Jacket:	None - Banana Peel
Overall Cable O.D.	.455"