

Access Control Composite Cables

OSDP Reader Cables

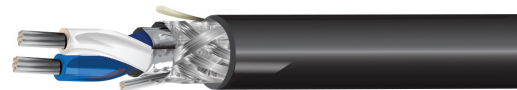
24 AWG Designs



Catalog No.	No. of Conductors	Conductor Type & Nominal DCR	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom. O.D.	Electrical Characteristics	NEC Rating
1PR2418P	1 Pair (2 Cond.)	24 AWG (7x32) Tinned Copper 26 Ω/1000 ft	Foamed FEP .025 in	100% Aluminum Foil - 24 AWG Drain Wire	Flex Plenum PVC	.215 in	13.5 pf/ft 120 Ω	CMP
	2	18 AWG (7x26) Bare Copper 6.4 Ω/1000 ft	Plenum PVC .012 in	None			—	
D252P24P	2 Pair	24 AWG (7x32) Tinned Copper 26 Ω/1000 ft	Foamed FEP .022 in	100% Aluminum Foil - 24 AWG Drain Wire	Flex Plenum PVC	.252 in	13.5 pf/ft 120 Ω	CMP
1PR24P	1 Pair	24 AWG (7x32) Tinned Copper 26 Ω/1000 ft	Foamed FEP .025 in	100% Aluminum Foil - 24 AWG Drain Wire	Flex Plenum PVC	.186 in	10.8 pf/ft 120 Ω	CMP

OSDP Reader Cables

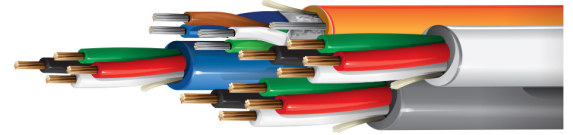
22 AWG Designs



Catalog No.	No. of Conductors	Conductor Type & Nominal DCR	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom. O.D.	Electrical Characteristics	NEC Rating
1PR2216P	1 Pair (2 Cond.)	22 AWG (7x30) Tinned Copper 17 Ω/1000 ft	Foamed FEP .030 in	100% Aluminum Foil - 24 AWG Drain Wire	Flex Plenum PVC	.246 in	13.5 pf/ft 120 Ω	CMP
	2	16 AWG (19x29) Bare Copper 4.2 Ω/1000 ft	Plenum PVC .012 in	None			—	
D25222P	2 Pair	22 AWG (7x30) Tinned Copper 17 Ω/1000 ft	Foamed FEP .023 in	100% Aluminum Foil - 24 AWG Drain Wire	Flex Plenum PVC	.292 in	13.5 pf/ft 120 Ω	CMP
1PR22P	1 Pair	22 AWG (7x30) Tinned Copper 17 Ω/1000 ft	Foamed FEP .023 in	100% Aluminum Foil - 24 AWG Drain Wire	Flex Plenum PVC	.177 in	11.2 pf/ft 120 Ω	CMP
DRS485DB	1 Pair	22 AWG (7x30) Tinned Copper 17 Ω/1000 ft	Foamed PE .029 in	100% Aluminum Foil + 65% Tinned Copper Braid Water Blocked	CPE - Chlorinated Polyethylene	.339 in	11.2 pf/ft 120 Ω	Indoor/Outdoor Direct Burial CM
2PR485DB	2 Pair	22 AWG (7x30) Tinned Copper 17 Ω/1000 ft	Foamed PE .025 in	100% Aluminum Foil + 65% Tinned Copper Braid Water Blocked	CPE - Chlorinated Polyethylene	.387 in	11.2 pf/ft 120 Ω	Indoor/Outdoor Direct Burial CM
AQC1P2218	1 Pair (2 Cond.)	22 AWG (7x30) Tinned Copper 17 Ω/1000 ft	Foamed PE .029 in	100% Aluminum Foil Water Blocked	UV Resistant PVC	.272 in	13.5 pf/ft 120 Ω	Indoor/Outdoor CM
	2	18 AWG (7x26) Bare Copper 6.4 Ω/1000 ft	PVC .012 in	None Water Blocked			—	

Access Control Composite Cables

OSDP Composite Designs

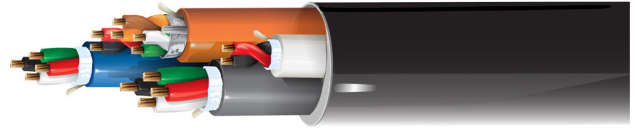


Catalog No.	No. of Cond.	Conductor Type & Nominal DCR	Insulation Type	Shielding	Individual Jacket	Nom. O.D.	Electrical Characteristics	NEC Rating
BPOSDP	14	OSDP Reader 1 Pr. 24 AWG (7x32) TC 2 Cond. 18 AWG (7x26) BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	OSDP Reader .023 in Foamed FEP .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	OSDP Reader 100% Al. Foil None Door Contact None REX/Spare None Lock/Power None	OSDP Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.455 in	OSDP Reader 13.5 pf/ft 120 Ω	Banana Peel CMP
BP22OSDP	14	OSDP Reader 1Pr. 22 AWG (7x32) TC 2 Cond. 18 AWG (7x26) BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	OSDP Reader .023 In Foam FEP .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	OSDP Reader 100% Al. Foil None Door Contact None REX/Spare None Lock/Power None	SDP Reader White Door Contact White - Green REX/Spare White - Red Lock/Power White - Orange	.465 in	OSDP Reader 13.5 pf/ft 120 Ω	Banana Peel CMP
BP2OSDP	16	Dual OSDP Reader 2 Pr. 24 AWG (7x32) TC Door Contact 4 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 18 AWG (7x26) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	OSDP Reader .023 in Foamed FEP Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	OSDP Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	OSDP Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.492 in	OSDP Reader 13.5 pf/ft 120 Ω	Banana Peel CMP
BP2XLSDP	16	Dual OSDP Reader 2 Pr. 22 AWG (7x30) TC Door Contact 4 Cond. 22 AWG (7x30) BC Reader Pwr 4 Cond. 18 AWG (7x26) BC Lock/Sound 4 Cond. 16 AWG (19x29) BC	OSDP Reader .023 in Foamed FEP Door Contact .008 in PVC Reader Pwr .008 in PVC Lock/Sound .009 in PVC	OSDP Reader 100% Al. Foil Door Contact None Reader Pwr. None Lock/Sound None	OSDP Reader Purple Door Contact White Reader Pwr Gray Lock/Sound Blue	.521 in	OSDP Reader 13.5 pf/ft 120 Ω	Banana Peel CMP
OSDP2BP	8	Dual OSDP Reader 2 Pr. 22 AWG (7x30) TC Dual Power 4 Cond. 18 AWG (7x26) BC	OSDP Reader .023 in Foamed FEP Dual Power .008 in PVC	OSDP Reader 100% Al. Foil Dual Power-None	OSDP Reader White Dual Power Black	.472 x .492 in	OSDP Reader 13.5 pf/ft 120 Ω	Banana Peel CMP
AQCOSDP	14	OSDP Reader 1 Pr. 22 AWG (7x30) TC 2 Cond. 18 AWG (7x26) BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	OSDP Reader .029 in Foamed FEP .012 in PVC Door Contact .010 in PVC REX/Spare .010 in PVC Lock/Power .010 in PVC	OSDP Reader 100% Al. Foil None Door Contact None REX/Spare None Lock/Power None All Water-blocked	OSDP Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.592 in	OSDP Reader 13.5 pf/ft 120 Ω	Overall UV Resistant PVC Indoor/ Outdoor CM

Access Control Composite Cables

Wiegand Composite Designs

Overall Jacketed

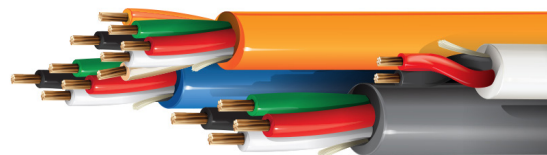


Catalog No.	No. of Conductors	Conductor Type & Nominal DCR	Insulation Type	Shielding	Jacket Type & Thickness	Nom. O.D.
AC1822	14	Wiegand Reader 6 Cond. 22 AWG Shld BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader. .008 in PP Door Contact .008 in PP REX/Spare .008 in PP Lock/Power .008 in PP	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.440 in
AC251822B	16	Wiegand Reader 6 Cond. 22 AWG Shld BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader. .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.435 in
AC251822B3P	16	Wiegand Reader 3 Pr. 22 AWG Shld BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader. .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.445 in
AC2518223PX	16	Wiegand Reader 3 Pr. 22 AWG Shld BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader. .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader White/Yellow Strip Door Contact White/GreenStrip REX/Spare White/Red Strip Lock/Power White/Purple Strip	.445 in
AQC1822	16	Wiegand Reader 6 Cond. 22 AWG Shld BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader. 010 in PVC Door Contact 010 in PVC REX/Spare 010 in PVC Lock/Power 010 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None Waterblocked	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.565 in

Access Control Composite Cables

Wiegand Composite Designs

Banana Peel - Unjacketed



Catalog No.	No. of Cond.	Conductor Type & Nominal DCR	Insulation Type	Shielding	Jacket Type & Thickness	Nom. O.D.	NEC Rating
BP251822B	18	Wiegand Reader 6 Cond. 22 AWG Shld BC Door Contact 4 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.407 in	Banana Peel CMP
BP251822B3P	16	Wiegand Reader 3 Pr. 22 AWG Shld BC Door Contact 2 Cond. 22 AWG (7x30) BC REX/Spare 4 Cond. 22 AWG (7x30) BC Lock/Power 4 Cond. 18 AWG (7x26) BC	Reader .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.396 in	Banana Peel CMP
BP25XL1816	16	Wiegand Reader 3 Pr. 18 AWG Shld BC Door Contact 2 Cond. 18 AWG (7x26) BC REX/Spare 4 Cond. 18 AWG (7x26) BC Lock/Power 4 Cond. 16 AWG (19x29) BC	Reader .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact None REX/Spare None Lock/Power None	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.542 in	Banana Peel CMP
BP253PSH	16	Wiegand Reader 3 Pr. 22 AWG SHLD BC Door Contact 2 Cond. 22 AWG SHLD BC REX/Spare 4 Cond. 22 AWG SHLD BC Lock/Power 4 Cond. 18 AWG SHLD BC	Reader .008 in PVC Door Contact .008 in PVC REX/Spare .008 in PVC Lock/Power .008 in PVC	Reader 100% Al. Foil Door Contact 100% Al. Foil REX/Spare 100% Al. Foil Lock/Power 100% Al. Foil	Reader Orange Door Contact White REX/Spare Blue Lock/Power Gray	.420 in	Banana Peel CMP

Wiegand Extenders and OSDP Converters

Product: **SPX-1300**

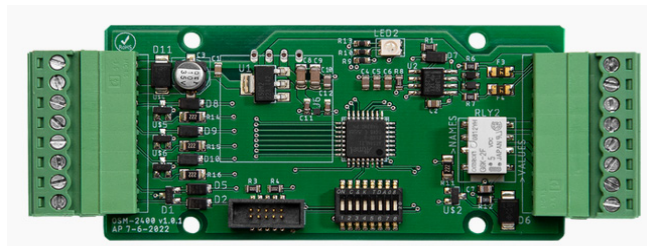
Wired Wiegand Reader-Extender - RS-485 (twisted pair) communication link.

Supports 4-248 bits. Includes Central and Remote units. Durable aluminum housing.



Product: **OSM-2400-BRD**

OSDP - Wiegand Converter



Product: **OSM-RCI**

Wiegand to OSDP Board

