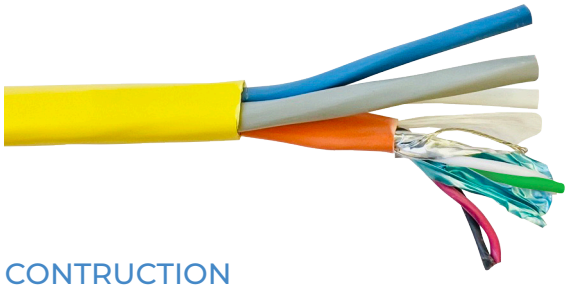
Open Supervised Device Protocol (OSDP) Access Control Cables

Open Supervised Device Protocol (OSDP) Systems is a new, more advanced security system developed by the Security Industry Association (SIA) as the standard for government buildings, hospitals, and other applications that require smart cards, biometrics, or other federal identifications. Prysmian's new OSDP Composite Access Control cable is designed to work between readers and controllers according to the SIA OSDP standard. It also supports more advanced technologies and user interfaces, while reducing the costs and complexity of installation.



CONTRUCTION

- Yellow plenum PVC jacket

FEATURES

- Card reader member—22 AWG shielded foamed FEP pair, paired with an 18 AWG plenum PVC pair, with orange plenum PVC jacket with new low capacitance of 12.5 pF/FT.
- Door Contact member—22 AWG 2-conductor plenum PVC insulation and white plenum PVC jacket.
- Lock Power member—18 AWG 4-conductor plenum PVC insulation and gray plenum PVC jacket.
- Rex/Spare member—22 AWG 4-conductor plenum PVC insulation and blue plenum PVC jacket.

BENEFITS

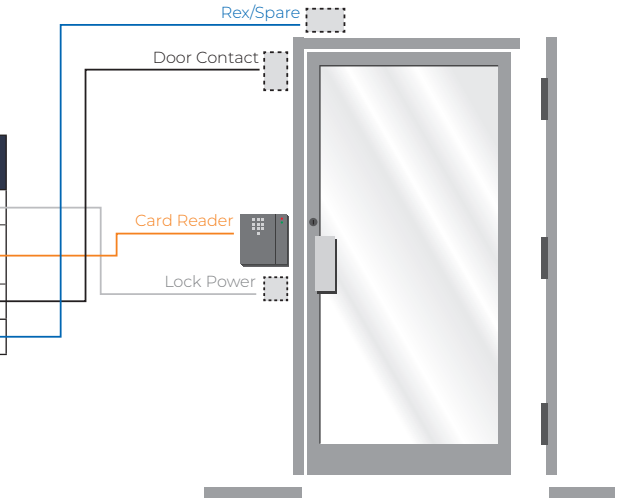
- The low capacitance 12.5 pF/FT card reader member allows it to work over longer distances—up to 4,000 feet—between the card reader and the control panel
- Low capacitance reduces interference or signal degradation between the card reader and the control panel, allowing more reliable and faster communication and making the card reader more secure and effective in preventing non-authorized individuals from entering a restricted area.

STANDARD COMPLIANCES & RATINGS

- UL 444 CMP (plenum) rating
- NFPA 262 Steiner Tunnel Flame Test
- Temperature rating up to 75° C

JACKET COLOR CODING & COMPONENT APPLICATION

JACKET COLOR	COMPONENT		MATERIAL	CABLE TYPE	APPLICATION
Gray	1		Plenum PVC	4 Conductor, 18 AWG	Lock Power
Orange	2		Plenum PVC & FEP	2 Pair, 18 AWG & 22 AWG (Shielded)	Card Reader (Low Cap.)
White	3		Plenum PVC	2 Conductor, 22 AWG	Door Contact
Blue	4		Plenum PVC	4 Conductor, 22 AWG	Rex/Spare



Note: Other gauges, colors, and packaging are available.
Contact yourPrysmian Sales Representative for additional ordering options.

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