



VERTICAL CABLE

DESCRIPTION

**OSDP Composite Cable,
22/2 Shielded + 18/2 +
18/4 (Lock Power) +
22/4 (REX/SPARE) +
22/2 (Door)
Plenum-Rated (CMP)**

FEATURES

- 4 Component
- CMP Plenum-rated
- ETL-listed, RoHS compliant
- Available Colors: White & Yellow
- Packaging: 1000 ft. Spool
- Weight: 135 lb. (61 kg)

SHIELDED PAIR ONLY:

- EMI/RFI Protection
- Low-capacitance (Lo-cap)
- RS-485, 120 Ohms



OSDP CABLE

PLENUM RATED | COMPOSITE CABLE

214-2360s SERIES

PART NUMBERS

214-2363/P/WH1K	(1,000 FT)	(Wooden Spool)	○ (White)
214-2364/P/YL1K	(1,000 FT)	(Wooden Spool)	● (Yellow)

COMPONENT 1 (1P × 22 AWG*2 CONDUCTOR + 18 AWG*2C)

Jacket Material: Low Smoke Polyvinyl Chloride (LS-PVC)
(Color: White)

Jacker Outer Diameter: 0.236 ± 0.008 in. (6 ± 0.20 mm)

Nominal Thickness: 0.016 in. (0.4 mm)

22 AWG / 2 CONDUCTOR (SHIELDED):

Conductor: 22 AWG Stranded Tinned Copper

Size: 7 Strand

Dielectric Material: FEP

Dielectric Outer Diam.: 0.0984 ± 0.006 in. (Nom.) (2.5 ± 0.15 mm)

Shield: Aluminum-Mylar Foil (100% coverage with
25% overlapping)

Drain Wire : 7 Strand (24 AWG Tinned Copper)

Insulation Color Coding: White, Green

Mutual Capacitance: 10.7 pF/FT

18 AWG / 2 CONDUCTOR:

Conductor: 18 AWG Stranded Bare Copper

Size: $7 \times 0.0149 \pm 0.00016$ in. ($7 \times 0.38 \pm 0.004$ mm)

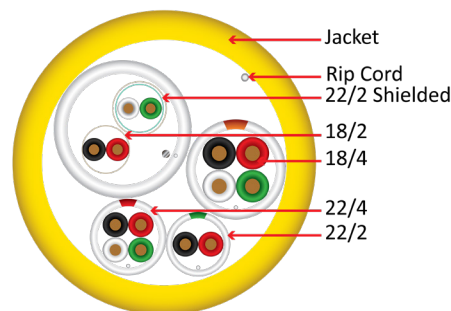
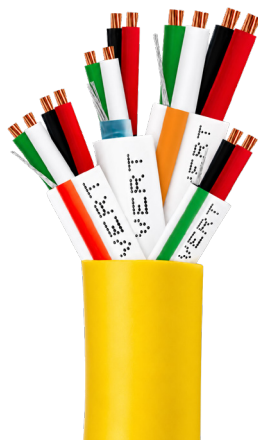
Dielectric Material: LS-PVC

Dielectric Outer Diam.: 0.0598 ± 0.004 in. (Nom.) (1.52 ± 0.1 mm)

Insulation Color Coding: Black, Red

Ripcord: Nylon

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Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

verticalcable.com

This specification sheet is subject to change without notice.



RoHS



Intertek

Rev. 08/2026

COMPONENT 2 (18 AWG × 4 CONDUCTORS)

Jacket Material:	LS-PVC (Color: White/Orange Stripe)
Jacket Outer Diameter:	0.193 ± 0.006 in. (4.9 ± 0.15 mm)
Jacket Nominal Thickness:	0.014 in. (0.36 mm)
Conductors:	18 AWG Stranded Bare Copper
Size:	7 Strand
Dielectric Material:	LS-PVC
Dielectric Outer Diameter:	0.0598 ± 0.004 in. (Nom.) (1.52 ± 0.1 mm)
Insulation Color Coding:	Black, Red, White, Green
Ripcord:	Nylon

COMPONENT 3 (22 AWG × 4 CONDUCTORS)

Jacket Material:	LS-PVC (Color: White/Red Stripe)
Jacket Outer Diameter:	0.138 ± 0.006 in. (3.5 ± 0.15 mm)
Jacket Nominal Thickness:	0.016 in. (0.4 mm)
Conductors:	22 AWG Stranded Bare Copper
Size:	7 Strand
Dielectric Material:	LS-PVC
Dielectric Outer Diameter:	0.0433 ± 0.004 in. (Nom.) (1.1 ± 0.1 mm)
Insulation Color Coding:	Black, Red, White, Green
Ripcord:	Nylon

COMPONENT 4 (22 AWG × 2 CONDUCTORS)

Jacket Material:	LS-PVC (Color: White/Green Stripe)
Jacket Outer Diameter:	0.126 ± 0.006 in. (3.2 ± 0.15 mm)
Jacket Nominal Thickness:	0.016 in. (0.4 mm)
Conductors:	22 AWG Stranded Bare Copper
Size:	7 Strand
Dielectric Material:	LS-PVC
Dielectric Outer Diameter:	0.043 ± 0.004 in. (Nom.) (1.1 ± 0.1 mm)
Insulation Color Coding:	Black, Red
Ripcord:	Nylon

LAY LENGTH

Component 1:	0.98 in. (24.9 mm)
Component 2:	3.15 in. (80 mm)
Component 3:	3.15 in. (80 mm)
Component 4:	3.15 in. (80 mm)

OVERALL JACKET

Material:	Low Smoke Polyvinyl Chloride (LS-PVC)
Outer Diameter:	0.433 ± 0.024 in. (11 ± 0.6 mm)
Overall Ripcord	Nylon

ELECTRICAL

Voltage Rating:	300 V RMS
Characteristic Impedance:	120 Ohms Nom. (OSDP Cable 22 AWG 1 PAIR)
DCR (Conductor):	18 AWG: 21.8 Ohms/km (Nom.) 22 AWG: 55.4 Ohms/km (Nom.)

ENVIRONMENTAL

Operating temperature:	-20 °C ~ 75 °C (-4 °F-167 °F)
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