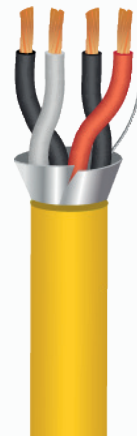




OSDP Card Reader Cable (RS485)

2 Pair 24 AWG Stranded
Overall Shielded Twisted Pairs
Plenum Rated - CL3/CMP

222600307
744005AYW (legacy part number)



1.0 Scope

1.1 This cable consists of 2 pairs 24 AWG stranded bare copper; color coded low smoke PVC insulation; overall aluminum polyester shield an drain wire; overall low smoke PVC jacket. Appropriate for RS485 communication, i.e. with use of OSDP Card Readers.

- Type CL3/CMP
- NEC Articles 725 & 800
- UL 1581 Vertical Tray Flame Test

2.0 Construction

2.1 Conductor

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 24 AWG
- 2.1.3 Construction: 7 x 32

2.2 Insulation

- 2.2.1 Material: Low Smoke PVC
- 2.2.2 Wall Thickness: .025" nom
- 2.2.3 O.D.: 0.036" nom
- 2.2.4 Color Code
 - Pair 1: 1- Black
 - 2- White
 - Pair 2: 1- Black
 - 2- Red

2.3 Shield

- 2.3.1 Material: Tinned Copper
- 2.3.2 Size: 24 AWG
- 2.3.3 Standing: 7 x 32

2.4 Drain Wire

- 2.4.1 Material: Aluminum Polyester
- 2.4.2 Coverage: 100%

2.5 Jacket

- 2.5.1 Material: Low smoke PVC
- 2.5.2 Wall Thickness: 0.17"
- 2.5.3 OD: 0.280" nom
- 2.5.4 Color: Yellow
- 2.5.5 Markings: "PAIGE #744005AYW 24 AWG 2 PR OAS (UL) TYPE CL3P/CMP E191597" (Ascending/Descending length marking)

2.6 Electrical Properties

- 2.6.1 Temperature: -20°C to 60°C
- 2.6.2 Voltage: 300 Volt
- 2.6.3 Capacitance: 12.5 pF/ft nom.
- 2.6.4 Impedance: 120Ω
- 2.6.5 DC Resistance: 22.96 Ω/M @ 20°C

3.0 Weights and Dimensions

3.1 Put Up

- 3.1.1 Length: 1,000 ft box
- 3.1.2 Weight: 25 lbs

We want to hear from you!

200 Sheffield St, Suite 302, Mountainside, NJ 07092

Tel: 888.423.8947 gamechanger@paigeelectric.com

