

Specification Sheet

Paige Part #: 2S1806P6B1

Description: Two element composite cable, stranded bare copper wire SGPVC insulation with an overall SGPVC jacket.

- 18 AWG 4C 7STR BC SGPVC SHIELDED
- 18 AWG 2C 7STR BC SGPVC UNSHIELDED

Element 1: 18 AWG 4C 7STR BC SGPVC SHIELDED

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Diameter: 0.059" \pm 0.002"
- 2.4. Color code: White, Green, Brown, Blue

3. Assembly

- 3.1. Lay Length: Common-Axis Cabled with Element 2
- 3.2. Drain Wire: 22 AWG 7 Strands Tinned Copper
- 3.3. Shield: Aluminum/Mylar - 100% Coverage (Foil Facing In)

4. Nominal Electrical Characteristics of 18/4 Shielded

- 4.1. Impedance: 37 Ω \pm 10%
- 4.2. Capacitance: 50 pF/ft
- 4.3. DC Resistance: 6.60 Ω /Mft @ 20°C

Element 2: 18 AWG 2C 7STR BC SGPVC UNSHIELDED

5. Conductor

- 5.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 5.2. Material: Annealed Bare Copper
- 5.3. Conductor Count: 2 Conductors

6. Insulation

- 6.1. Material: Plenum Rated Polyvinylchloride
- 6.2. Wall Thickness: 0.007"
- 6.3. Diameter: 0.059" \pm 0.002"
- 6.4. Color code: Black, Red

7. Nominal Electrical Characteristics of 18/2 Unshielded

- 7.1. Impedance: 60 Ω \pm 10%
- 7.2. Capacitance: 32 pF/ft
- 7.3. DC Resistance: 6.60 Ω /Mft @ 20°C

Overall Cable

8. Assembly Elements 1 & 2

- 8.1. Nominal Lay Length: 2.75" LHL (4.36 Tw/Ft)

Specification Sheet

Paige Part #: 2S1806P6B1

9. Jacket

| | |
|----------------------|--------------------------------|
| 9.1. Material: | Plenum Rated Polyvinylchloride |
| 9.2. Wall thickness: | 0.015" |
| 9.3. Diameter: | 0.203" ± 0.020" |
| 9.4. Color: | Yellow |
| 9.5. Ripcord: | Yes |
| 9.6. Weight: | 45 lbs/Mft. |

10. Markings

| | |
|------------------------|--|
| 10.1. Type: | Cable permanently identified via surface inkjet print |
| 10.2. Legend: | PAIGE #2S1806P6B1 E191597 18AWG 6C 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA |
| 10.3. Footage Markers: | Yes, Ascending/Descending |

11. Standards

- 11.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 11.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 11.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 11.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 11.5. Cable meets NFPA 262 (Steiner tunnel) flame test
- 11.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 11.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated January 17, 2023
- 11.8. Operating Voltage: 300V RMS
- 11.9. Made in the USA
- 11.10. ⚠️ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. Wash hands after handling