



Specification Sheet

Paige Part #: 2S2402P8B1

Description: 24 AWG 2 pair 7 strands tinned copper wire, plenum rated Foam FEP insulation, individually shielded, and overall plenum rated PVC jacket

1. Conductor

- 1.1. AWG Size & Stranding: 24 AWG 7 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 2 Pairs

2. Insulation

- 2.1. Material: Plenum Rated Foam FEP
- 2.2. Wall Thickness: 0.019"
- 2.3. Color Code: White/Blue x Blue, White/Orange x Orange

3. Assembly

- 3.1. Pair Lay Length: 2.50" LHL (4.80 Tw/Ft)
- 3.2. Pair Drain Wire: 24 AWG 7 Strands Tinned Copper (Inside Each Aluminum/Mylar Shield)
- 3.3. Pair Shield: FFE Aluminum/Mylar - 100% Coverage (Aluminum Side Facing In)
- 3.4. Cable Lay Length: 2.50" LHL (4.80 Tw/Ft)

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.018"
- 4.3. Diameter: 0.247"
- 4.4. Color: Purple
- 4.5. Ripcord: Yes
- 4.6. Weight: 25 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: PAIGE 2S2402P8B1 CABLE E171197 24AWG 2PR SHLD (UL) CMP C(UL)US OR (UL) CL3P OR (UL) FPLP 75°C FT-6 TEMPERATURE CONTROL SYSTEM LOW CAP 12.5 PF/FT "ROHS II" REACH MADE IN USA
- 5.3. Footage Markers: Yes

6. Electricals

- 6.1. Impedance: 103 $\Omega \pm 10\%$
- 6.2. Capacitance: 12.5 pF/ft
- 6.3. DC Resistance: 25.7 Ω /Mft @ 20°C

7. Standards

- 7.1. Cable suitable for installations under NEC (NFPA 70) article 800 guidelines
- 7.2. UL listed as type CMP c(UL)us 75°C per UL standard 444
- 7.3. All materials used in the manufacture of this cable are RoHS compliant
- 7.4. Maximum Operating Voltage: 300V
- 7.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION