Cat 6A Cable for El Ochito® Contacts

### 26 and 24 AWG S/FTP Cat 6A Cable

<table>
<thead>
<tr>
<th>Glenair Part Number</th>
<th>963-033-26 / -24</th>
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<tbody>
<tr>
<td>Manufacturer Part Number</td>
<td>RCN9047-26 / RCN9034-24</td>
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<tr>
<td>Manufacturer</td>
<td>Gore</td>
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S/FTP 26 and 24 AWG cable has an individual foil shield around each data pair for reduced crosstalk and attenuation. This high data rate Ethernet cable features a unique cable jacket material and high-density construction that significantly reduces weight and diameter. Meets TIA568C.2 Category 6A requirement up to 65 meters for 26 AWG, 80 meters for 24 AWG. **Qualified to SAE AS6070/5 and /6.**

#### Construction Details

- **CONDUCTOR**
  - SILVER-PLATED
  - HIGH STRENGTH COPPER ALLOY
  - 26 AWG = 19X38 / 24 AWG = 19X36

- **WIRE INSULATION**
  - ePTFE / PTFE
  - 26 AWG = 0.050 (1.27) / 24 AWG = 0.060 (1.52)

- **PAIR SHIELD**
  - ALUMINIZED POLYIMIDE
  - (ALUMINUM OUT)

- **OVERALL SHIELD**
  - AWG 40 SILVER-PLATED COPPER
  - 92% MIN COVERAGE

- **FILLER**
  - FEP/ePTFE
  - 26 AWG = 0.020 (0.51) Ø / 24 AWG = 0.026 (0.66) Ø

- **JACKET**
  - ENGINEERED FLUOROPOLYMER
  - EF100 WHITE LASER-MARKABLE
  - 0.004 (0.10) WALL
  - 26 AWG = 0.220 (5.59) MAX Ø
  - 24 AWG = 0.260 (6.60) MAX Ø

#### Color Code

- Pair #1 Blue, White/Blue
- Pair #2 Orange, White/Orange
- Pair #3 Green, White/Green
- Pair #4 Brown, White/Brown

#### Specifications

- **Impedance (ohms)**
  - 100 (+10 -5)

- **Temperature Rating**
  - -65 to +200 °C

- **Weight (lbs/100 ft.) (max.)**
  - 26 AWG = 35.0 / 24 AWG = 42.0

- **Capacitance (pF/ft)**
  - 12.5

- **Time Delay (ns/ft)**
  - 1.24

- **Maximum Attenuation 26AWG at 65m Length**
  - 24AWG at 80m Length
    - Frequency (MHz) | 10 | 100 | 250 | 500
    - Attenuation (dB) | 5.9 | 19.1 | 31.1 | 45.3

- **NEXT (minimum)**
  - Frequency (MHz) | 1 | 10 | 100 | 250 | 500
  - Attenuation (dB) | 74.3 | 59.2 | 52.3 | 47.9 | 42.2

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### 26 AWG S/UTP Cat 6A Cable

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<td>E6A3826</td>
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S/UTP 26 AWG cable is small, lightweight and flexible. Twisted pairs are separated by a fluoropolymer spline for reduced crosstalk and attenuation. This 200 °C cable is Skydrol resistant, RoHS compliant and meets FAA FAR Parts 23 and 25 Appendix F flammability requirements. Rugged, laser-markable PTFE jacket withstands abrasion and chemicals. Meets TIA568C.2 Category 6A performance up to 188 feet.

#### Construction Details

- **CONDUCTOR**
  - 26 AWG 19X38 SILVER PLATED
  - HIGH STRENGTH COPPER ALLOY

- **FOUR TWISTED PAIRS**
  - PFA WIRE INSULATION
  - FLUOROPOLYMER TAPE

- **SPLINE**
  - FLUOROPOLYMER
  - SILVER-PLATED COPPER BRAID
  - 80% MIN. COVERAGE

- **JACKET**
  - PTFE WHITE LASER-MARKABLE
  - 0.022 (0.56) Ø

#### Color Code

- Pair #1 Blue, White/Blue
- Pair #2 Orange, White/Orange
- Pair #3 Green, White/Green
- Pair #4 Brown, White/Brown

#### Specifications

- **Impedance (ohms)**
  - 100 ± 10

- **Temperature Rating**
  - -55 to +200 °C

- **Weight (lbs/100 ft.) (max.)**
  - 26 AWG = 35.0 / 24 AWG = 42.0

- **Capacitance (pF/ft)**
  - 12.5

- **Time Delay (ns/ft)**
  - 1.24

- **Maximum Attenuation 26AWG at 65m Length**
  - 24AWG at 80m Length
    - Frequency (MHz) | 10 | 100 | 250 | 500
    - Attenuation (dB) | 5.9 | 19.1 | 31.1 | 45.3

- **NEXT (minimum)**
  - Frequency (MHz) | 1 | 10 | 100 | 250 | 500
  - Attenuation (dB) | 74.3 | 59.2 | 52.3 | 47.9 | 42.2

- **DC Resistance, Max (ohms/100 ft.)**
  - 44.8

- **Max Distance in Feet**
  - 188

Dimensions in Inches (millimeters) are subject to change without notice.