|  |
| --- |
| **Data Bus Cables – Gigabit Ethernet Designs** |

|  |  |
| --- | --- |
|  | Blake Data Bus Cables are designed for maximum performance in aircraft applications such as In-Flight Entertainment, Systems, Cabin Management Systems, Ethernet Backbone Avionics, and Ground Vehicle Truck and Bus. Blake Data Bus Cables are lightweight and support Gigabit Ethernet. |
| **Conductor Material:**  SPC (Silver Plated Copper) or SPCA (Silver Plated Copper Alloy)  **Insulation #1:**  Fluropolymer Insulation  **Binder**  Fluropolymer Tape Binder  **Inner Shield:**  Aluminum Inner Shield  **Outer Braid:**  SPC (Silver Plated Copper) or TPC (Tinned Plated Copper)  **Jacket:**  Material: Extruded FEP  Four Pair Cable  1000 Base T Cat 5e Performance | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Blake Part Number** | **AWG** | **Conductor Material** | **Outer Braid** | **Nominal O.D. of Cable (in)** | **Impedance** | **Temp Rating** | **Nom. Cable Weight (lbs/1000 ft)** |
| **BDB-2401-4P-100** | 24 | SPCA | SPC | .265 | 100 | -55° +200°C | 50 |
| **BDB-2402-4P-100** | 24 | SPCA | TPC | .265 | 100 | -55° +150°C | 50 |
| **BDB-2601-4P-100** | 26 | SPCA | SPC | .236 | 100 | -55° +200°C | 35 |
| **BDB-2602-4P-100** | 26 | SPC | TPC | .236 | 150 | -55° +150°C | 35 |