

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:

Fluoropolymer Insulation

Binder

Fluoropolymer 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