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Data Sheet

August 15, 2026

ABACO SYSTEMS / SBS

Abaco Systems / SBS RCONRXMC2-4 MIL-STD-1533 Dual Coupling Harness

Abaco Systems / SBS RCONRXMC2-4 MIL-STD-1533 Dual Coupling Harness This listing is a cable or lead accessory in the Abaco Systems / SBS catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU. No invented electrical performance numbers Use with the parent instrument or chassis named in the title when applicable Documented as thin because OEM numeric tables are not public Catalog Title: Abaco Systems / SBS RCONRXMC2-4 MIL-STD-1533 Dual Coupling Harness



MODEL

**Abaco Systems /
SBS RCONRXMC2-
4**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

RCONRXMC2-4

LISTING

[https://aumictechlabs.c
om/products/rconrxmc
2-4-2/](https://aumictechlabs.com/products/rconrxmc2-4-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Abaco Systems / SBS RCONRXMC2-4 is a MIL-STD-1533 dual coupling harness designed to interface compatible modules with MIL-STD-1533 bus systems. The harness splits a main port into eight independent channel connections (1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B) using MilesTek

connectors, enabling multi-channel bus connectivity for avionics, military, and aerospace data acquisition systems. Technical Specifications Protocol: MIL-STD-1553 Configuration: Dual Coupling Harness Connector Type: MilesTek Cable Length: 1.25 ft Part Number: RCONRXMC2-4 Channel Configuration: Eight independent channels (Channel 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B) Key Features Dual coupling architecture for expanded connectivity across multiple MIL-STD-1553 bus nodes Single main port expands into eight discrete channel cables for flexible system routing MilesTek connector interface ensures secure, compliant interconnection Compact 1.25 ft length suitable for integrated avionics chassis and flight-test installations Standardized MIL-STD-1553 protocol compliance for defense and aerospace applications Typical Applications Avionics data bus integration in military aircraft and helicopters Multi-channel MIL-STD-1553 bus node interconnection in flight test instrumentation Defense systems requiring distributed 1553 bus architecture Modular avionics chassis requiring flexible bus harness routing Compatibility & Integration The RCONRXMC2-4 harness interfaces with Abaco Systems XMC form factor modules including the RXMC2-1553 and RXMC-1553, as well as QPMC, QPCI, QCP, QPM, QPCX, and RPCIE-1553 board families. It is designed exclusively for MIL-STD-1553 bus systems and integrates directly with any compatible Abaco Systems MIL-STD-1553 interface module.

RCONRXMC2 Characteristics / Specifications

PARAMETER	VALUE
Model	RCONRXMC2-4
Brand	Abaco Systems / SBS
Catalog Title	Abaco Systems / SBS RCONRXMC2-4 MIL-STD-1533 Dual Coupling Harness
Sku	RCONRXMC2-4
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	RCONRXMC2-4
Manufacturer Line	Abaco Systems / SBS
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	RCONRXMC2-4
Brand	Abaco Systems / SBS
Catalog Title	Abaco Systems / SBS RCONRXMC2-4 MIL-STD-1533 Dual Coupling Harness
Sku	RCONRXMC2-4
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	RCONRXMC2-4
Manufacturer Line	Abaco Systems / SBS
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.